बीकानेर नगर निगम

नगर निगम मार्ग, बीकानेर (राजस्थान) फैक्स :- 0151-2226906, फोन :- 0151-2226902, 0151-2226905 E-Mail Address :- nagarnigambikaner@gmail.com, Web Site :- www.bikanermc.org

क्रमांक/निर्माण/2021-22/8रा८-14

दिनांक 10/12/र०रा

ई- निविदा-सूचना सं0 72/2021-22

नगर निगम बीकानेर की ओर से विभिन्न कार्यो (कुल 10 कार्य) के लिये केन्द्र व राज्य सरकार के अभियांत्रिकी विभागों में ''ऐऐ'', ''ऐ'' श्रेणी में पंजीकृत संवेदको एवं नगर निगम में उपर्युक्त श्रेणी में पंजीकृत निविदादाताओं से निर्धारित प्रपत्र में ई—प्रोक्यूमेंट प्रक्रिया से ऑन लाईन निविदाएं आमंत्रित की जाती है। निविदा से सम्बन्धित विवरण वेब साईट www.bikanermc.org Web site www.SPPP. raj.nic.in से व http://eproc.rajasthan.gov.in पर देखा जा सकता है।

निविदा की कुल लागत :- 120.00 लाख

नगर निगम, बीकानेर दिनांक 10/11/२०८१

क्रमांक ्रिनिर्माण / 2021—22 / १२१२—19 प्रतिलिये :-

1. श्रीमान् निदेशक, जनसम्पर्क एवं प्रकाशन विभाग, राजस्थान संवाद जयपुर को प्रेषित कर लेख है कि उपरोक्त निविदा का प्रकाशन कम से कम स्पेस में राज्य सरकार की प्रकाशन नीति के अनुरूप एक मुख्य क्षेत्रीय दैनिक समावार पत्र, एक मुख्य राज्य स्तरी दैनिक समाचार पत्र में प्रकाशन करावें।

नगर निगम, ब्रीकानेर

बीकानेर नगर निगम

नगर निगम मार्ग, बीकानेर (राजस्थान) फैक्स :- 0151-2226906, फोन :- 0151-2226902, 0151-2226905 E-Mail Address :- nagarnigambikaner@gmail.com, Web Site :- www.bikanermc.org

क्रमांक / निर्माण / 2021-22 / हर 1र-14

दिनांक 10 गर रिवर्ग

ई- निविदा-सूचना सं0 72/2021-22

नगर निगम बीकानेर की ओर से निम्नलिखित कार्यों के लिये केन्द्र व राज्य सरकार के अभियांत्रिकी विभागों में "ऐऐ", "ऐ" श्रेणी में पंजीकृत संवेदको एवं नगर निगम में उपर्युक्त श्रेणी में पंजीकृत निविदादाताओं से निर्धारित प्रपन्न में ई—प्रोक्यूमेंट प्रक्रिया से ऑन लाईन निविदाएं आमंत्रित की जाती है। निविदा से सम्बन्धित विवरण वेबसाईट www.bikanermc.org Website www.SPPP.raj.nic.in से व http://eproc.rajasthan.gov.in पर देखा जा सकता है।

निविदा कार्य :	1	बीकानेर नगर निगम के जोन नं0 01 मे विभिन्न स्थानों पर (अन्य
	20	विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर
		इत्यादि मरम्मत का कार्य। (ARC) 05.00 लाख
	2	बीकानेर नगर निगम के जोन नं0 05 मे विभिन्न रथानों पर (अन्य
		विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर
		इत्यादि मरम्मत का कार्य। (ARC) 15.00 लाख
-	3	बीकानेर नगर निगम के जोन नं0 06 मे विभिन्न स्थानों पर (अन्य
		विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर
		इत्यादि मरम्मत का कार्य। (ARC)
		20.00 लाख
	4	बीकानेर नगर निगम के जोन नं0 08 में विभिन्न स्थानों परं (अन्य
		विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर
		इत्यादि मरम्मत का कार्य। (ARC) 05.00 लाख
	5	बीकानेर नगर निगम के जोन नं0 01 में विभिन्न स्थानों पर (अन्य
		विभागों के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि
		मरम्मत का कार्य। (ARC) 10.00 लाख
	6	बीकानेर नगर निगम के जोन नं0 05 में विभिन्न स्थानों पर (अन्य
		विभागों के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि
		मरम्मत का कार्य। (ARC) 10.00 लाख
	7	बीकानेर नगर निगम के जोन नं0 06 में विभिन्न स्थानों पर (अन्य
× ×		विभागों के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि
		मरम्मत का कार्य। (ARC) 10.00 लाख
	8	बीकानेर नगर निगम के जोन नं0 08 में विभिन्न स्थानों पर (अन्य
		विभागों के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि
		मरम्मत का कार्य। (ARC) 10.00 लाख
	9	बीकानेर नगर निगम के जोन नं0 02 में विभिन्न स्थानों पर सीवर
		लाईन, ढक्कन, चैम्बर मरम्मत, लाईन मरम्मत, नाली/क्रोस मरम्मत
		का कार्य। ऐ०आर०सी० कार्य। 🔨 20.00 लाख

	10	बीकानेर नगर निगम के जोन नं० ०४ में विभिन्न स्थानों पर सीवर
2		लाईन, ढक्कन, चैम्बर मरम्मत, लाईन मरम्मत, नाली/क्रोस मरम्मत
		का कार्य। ऐ०आर०सी० कार्य।
		15.00 लाख
निविदा की कुल लागत	:	120.00 लाख
ऑनलाईन निविदा फार्म मिलनें की तिथि	:	13.12.2021 09.30 बजे से 22.12.2021 18:00 बजे तक
ऑनलाईन निविदा फार्म जमा करानें की तारीख	:	13.12.2021 09.30 बजे से 22.12.2021 18:00 बजे तक
ऑनलाईन निविदा खोलनें की तिथि	:	23.12.2021 को 17.00 बजे

इच्छुक संवेदको को अपने डिजिटल हस्ताक्षर के माध्यम से वेब साईट http://eproc.rajasthan.gov.in रजिस्टर्ड होना आवश्यक है।

क्रमांक / निर्माण / 2021–22 / ९२१२ - 14 प्रतिलिपि :-

श्रीमान् महापौर महोदया, नगर निगम, बीकानेर।
 सुरक्षित पत्रावली।

ई-निविदा-सूचना सं0 72/2021-22

निविदा कार्य :	1	And A
ागापदा पगप .	1	बीकानेर नगर निगम के जोन नं० ०१ में विभिन्न स्थानों पर (अन्य विभागों
		के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि
	-	मरम्मत का कार्य। (ARC) 05.00 लाख
	2	बीकानेर नगर निगम के जोन नं0 05 में विभिन्न स्थानों पर (अन्य विभागों
	-	के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि
		मरम्मत का कार्य। (ARC) 15.00 लाख
	3	बीकानेर नगर निगम के जोन नं० ०६ मे विभिन्न स्थानों पर (अन्य विभागों
		के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि
		मरम्मत का कार्य। (ARC)
	4	बीकानेर नगर निगम के जोन नं0 08 में विभिन्न स्थानों पर (अन्य विभागों
		के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि
		मरम्मत का कार्य। (ARC) 05.00 लाख
	5	बीकानेर नगर निगम के जोन नं० ०१ मे विभिन्न स्थानों पर (अन्य विभागों
		के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि मरम्मत का
		कार्य। (ARC) 10.00 लाख
	6	बीकानेर नगर निगम के जोन नं0 05 मे विभिन्न स्थानों पर (अन्य विभागों
		के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि मरम्मत का
		कार्य। (ARC) 10.00 लाख
	7	बीकानेर नगर निगम के जोन नं0 06 मे विभिन्न स्थानों पर (अन्य विभागों
		के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि मरम्मत का
		कार्य। (ARC) 10.00 लाख
,	8	बीकानेर नगर निगम के जोन नं० ०८ मे विभिन्न स्थानों पर (अन्य विभागों
		के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि मरम्मत का
		कार्य । (ARC) 10.00 लाख
	9	बीकानेर नगर निगम के जोन नं० ०२ में विभिन्न स्थानों पर सीवर लाईन,
		ढक्कन, चैम्बर मरम्मत, लाईन मरम्मत, नाली/क्रोस मरम्मत का कार्य।
		ऐ०आर०सी० कार्य। 20.00 लाख
	10	बीकानेर नगर निगम के जोन नं० ०४ में विभिन्न स्थानों पर सीवर लाईन,
		ढक्कन, चैम्बर मरम्मत, लाईन मरम्मत, नाली/क्रोस मरम्मत का कार्य।
		ऐ०आर०सी० कार्य।
निविदा की कुल लागत	1	120.00 लाख
ऑनलाईन निविदा फार्म मिलनें की तिथि	:	13.12.2021 09.30 बजे से 22.12.2021 18:00 बजे तक
ऑनलाईन निविदा फार्म जमा करानें की	:	
तारीख	-	13.12.2021 09.30 बजे से 22.12.2021 18:00 बजे तक
ऑनलाईन निविदा खोलनें की तिथि	:	23.12.2021 को 17.00 बजे

नगर निगम, भीवाने

बीकानेर नगर निगम

नगर निगम मार्ग, बीकानेर (राजस्थान) फैक्स :- 0151-2226906, फोन :- 0151-2226902, 0151-2226905 E-Mail Address :- nagarnigambikaner@gmail.com, Web Site :- www.bikanermc.org

क्रमांक /-निर्माण / 2021-22 / हुरार-14

दिनांक 10/1र/रूरा

ई- निविदा-सूचना सं0 72/2021-22

ं नगर निगम बीकानेर की ओर से निम्नलिखित कार्यों के लिये केन्द्र व राज्य सरकार के अभियांत्रिकी विभागों में "ऐऐ", "ऐ" श्रेणी में पंजीकृत संवेदको एवं नगर निगम में उपर्युक्त श्रेणी में पंजीकृत निविदादाताओं से निर्धारित प्रपत्र में ई—प्रोक्यूमेंट प्रक्रिया से ऑन लाईन निविदाएं आगंत्रित की जाती है। निविदा से सम्बन्धित विवरण वेबसाईट www.bikanermc.org Website www.SPPP. raj.nic.in से व

http://eproc.rajasthan.gov.in पर देखा जा सकता है।

जिला	कार्य / पैकेज का नाम	अनुमानित लागत (लाखों में)	कार्य की अवधि
बीकानेर	बीकानेर नगर निगम के जोन नं० ०१ में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि मरम्मत का कार्य। (ARC)	05.00	12 माह
बीकानेर	बीकानेर नगर निगम के जोन नं० ०५ में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि मरम्मत का कार्य। (ARC)	15.00	12 माह
बीकानेर	बीकानेर नगर निगम के जोन नं० ०६ में विभिन्न रथानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि मरम्मत का कार्य। (ARC)	20.00	12 माह
बीकानेर	बीकानेर नगर निगम के जोन नं0 08 में विभिन्न रथानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि भरम्मत का कार्य। (ARC)	05.00	12 माह
बीकानेर	बीकानेर नगर निगम के जोन नं0 01 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि मरम्मत का कार्य। (ARC)	10.00	12 माह
बीकानेर	बीकानेर नगर निगम के जोन नं० 05 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि मरम्मत का कार्य। (ARC)	10.00	12 माह
बीकानेर	बीकानेर नगर निगम के जोन नं० 06 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि मरम्मत का कार्य। (ARC)	10.00	12 माह
बीकानेर-	बीकानेर नगर निगम के जोन नं0 08 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) नाला, नाली, क्रोस इत्यादि मरम्मत का कार्य। (ARC)	10.00	12 माह.
बीकानेर	बीकानेर नगर निगम के जोन नं0 02 में विभिन्न स्थानों पर सीवर लाईन, ढक्कन, चैम्बर गरम्मत, लाईन मरम्मत, नाली / क्रोस मरम्मत का कार्य। ऐ०आर०सी० कार्य।	20.00	12 माह
बीकानेर	बीकानेर नगर निगम के जोन नं० ०४ में विभिन्न स्थानों पर सीवर लाईन, ढक्कन, वैम्बर गरम्मत, लाईन गरम्मत, नाली/क्रोस मरम्मत का कार्य। ऐ०आर०सी० कार्य।	15.00	12 माह

निविदा प्रपत्रों को वेब साईट http://eproc.rajasthan.gov.in से डाउनलोड किया जा सकता है। इन निविदाओं में भाग लेने

वाले संवेदक निविदा को इलेक्ट्रोनिक फारमेट में वेबसाईट http://eproc.rajasthan.gov.in पर अपलोड करावें। नोट :- स्थानीय निकाय विभाग जयपुर के अन्तर्गत में रिजस्टर्ड फर्म एवं नगर निगम बीकानेर संभाग में रिजस्टर्ड एवं अन्य विभागों के ऐ एवं

ऐऐ क्लास में पंजीकृत संवेदक निविदा में भाग ले सकते है।

नगर निगम बीकानेर

निविदा शर्ते

- नगर निगम बीकानेर एवं स्थानीय निकाय विभाग जयपुर के अन्तर्गत उपर्युक्त श्रेणी में रिजस्टर्ड फर्म अन्य विभागों के "एए" अथवा "ए" श्रेणी के संवेदक निविदा में भाग ले सकते है।
- 2. निविदा प्रपत्रों हेतु डाउनलोड की अवधि 13.12.2021 09.30 बजे से 22.12.2021 18:00 बजे तक होगी।
- 3. (अ) निविदा प्रपत्र फॉरमेट में वेबसाईट http://eproc.rajasthan.gov.in पर 13.12.2021 09.30 बजे से 22.12.2021 18:00 बजे तक जमा करवाये जा सकते है एवं प्राप्त निविदाएं, इलैक्ट्रॉनिक फॉरमेट में वेबसाईट http://eproc.rajasthan.gov.in पर अधिशाषी अभियंता, नगर निगम, बीकानेर निर्माण अनुभाग में 23.12.2021 को 17:00 बजे बाद खोली जावेगी।
- 4. यदि किसी कारणवश उस दिन अवकाश रहता है तो अगले दिन उसी समय व उसी स्थान पर निविदाएं खोली जायेगी।
 - (अ) निविदा प्रक्रिया ऑन लाईन होगी।
 - (ब) इलैक्ट्रॉनिक निविदा प्रक्रिया में प्रीबीड मीटिंग का प्रावधान नहीं है।
- 5. अधिशाषी अभियंता, नगर निगम, बीकानेर निर्माण अनुभाग कार्यालय में संवेदक द्वारा 13.12.2021 09.30 बजे से 22.12.2021 18:00 बजे तक किसी भी कार्य दिवस में निविदा प्रपन्न को देखा जा सकता है। निविदा प्रपन्नों में निविदाकर्त्ता के लिये योग्यता सूचना तथा निविदाकर्त्ता की पात्रता, प्लान, स्पेसिफिकेशन, ड्राईंग विभिन्न कार्यों की मात्रा एवं दरों का विवरण, नियम, शर्ते एवं अन्य विवरण वर्णित है।
- 6. निविदा खोलने की दिनांक से 90 दिवस तक निविदा स्वीकृति हेतु मान्य रहेगी। यदि निविदाकर्ता उस अवधि में अपनी निविदा अथवा शर्तों में किसी प्रकार का संशोधन करता है अथवा अपनी निविदा वापस ले लेता है तो उसकी धरोहर राशि जब्द कर ली जावेगी।
- 7. किसी भी निविदा को स्वीकार करने एवं बिना कारण बताये निरस्त करने के समस्त अधिकार सक्षम अधिकारी के पास सुरक्षित है आरपीडब्ल्यू ए—100 की समस्त शर्ते मान्य होगी।
- 8. 10 लाख या अधिक लागत के कार्यों की Defect Liability Period 05 वर्ष का होगा।.
- 9. RTPP एक्ट 2012, नियम 2013 के समस्त प्रावधान लागू होगें। RTPP 2013 के नियम 75A के अनुसार कार्य में दर 15 प्रतिशत से अधिक नीची आने पर बिड की 85 प्रतिशत राशि में से भरी गई बिड के अन्तर राशि का 50 प्रतिशत की राशि अतिरिक्त पीठजीठ के रूप में अनुबंध से पूर्व जमा कराना आवश्यक होगा।

10. निविदा शुल्क निम्नानुसार निर्धारित है :--

कार्य की अनुमानित राशि (लाखो में)	शुल्क
नाम	आयुक्त, नगर निगम, बीकानेर।
10 लाख तक	500 / -
10 लाख से अधिक	1000 / -

11. प्रासेसिंग फीस निम्नानुसार निर्धारित है :-

कार्य की अनुमानित राशि (लाखो में)	शुल्क
नाम	Managing Director, RISL, Jaipur
50 लाख तक	500 / -
50 लाख से अधिक	1000 / -

- 12. निविदा शुल्क, प्रोसेसिंग फीस के भुगतान की प्रक्रिया ऑनलाईन ही होगी।
- 13. वित्त(सामान्य वित्तीय एवं लेखा नियम) विभाग के परिपत्र क्रमांक एफ.2(1)वित्त / जीएण्डटी—एसपीएफसी / 2017 जयपुर दिनांक 23.12.2020 के क्रम में बिड सिक्यूरिटी के स्थान पर बिड सिक्यूरिटी के सम्बंध में घोषणा पत्र (Declaration) प्राप्त करने का प्रावधान किया गया है। अतः संवेदको / फर्मी द्वारा बिड सिक्यूरिटी के स्थान पर 50 / रूपये के राजस्थान राज्य के स्टाम्प पर संलग्न घोषणा पत्र निविदा में अपलोड करना अनिवार्य है। जिसे निगम कार्यालय में निविदा स्वीकृत पश्चात् जमा करवाया जाना आवश्यक होगा।

- 14. निविदा हेतु ऑनलाईन भुगतान नगर निगम की वेबसाईट www.bikanermc.org पर PAY ONLINE ऑप्शन
- 15. ऑनलाईन भुगतान हेतु संवेदक को नगर निगम की वेबसाईट www.bikanermc.org पर PAY ONLINE पर भुगतान किये जाने के पश्चात् भुगतान रसीद, फर्म के रजिस्ट्रेशन की प्रति एवं फर्म का जी०एस०टी० प्रमाण पत्र को ऑनलाईन साईट http://eproc.rajasthan.gov.in पर अपलोड करना अनिवार्य होगा।
- 16. ऑनलाईन पेमेंट भुगतान के अतिरिक्त किसी अन्य तरीके के भुगतान करने वाली निविदा पर विचार नहीं किया जावेगा।
- 17. निविदा शुल्क, प्रोसेसिंग शुल्क Non Refundable होगा।
- 18. निर्धारित शुल्क से कम भुगतान करने वाली निविदा पर विचार नहीं किया जावेगा।
- 19. किसी टंकणीय त्रुटि के कारण की के जी अनुसूची की विभिन्न इकाई की दरे सम्बंधित एस०ओ०आर० / बी०एस०आर० की दरें मानी जावेगी।
- 20. निविदा प्रपत्र 02 कवर में होगा। यदि संवेदक द्वारा निविदा प्रपत्र अनुसार निविदा अपलोड करते समय वांछित प्रपत्र संलग्न नहीं किये जाते है तो उस निविदा पर विचार नहीं किया जावेगा।
- 21. ई- टेन्डरिंग के लिये निविदादाता हेतु निर्देश :-
 - अ इन निविदाओं में इच्छुक निविदादाता निविदा प्रपत्रों का इन्टरनेट साईट http://eproc.rajasthan.gov.in से डाउनलोड कर सकते है।
 - व निविदाओं में भाग लेने वाले निविदादाताओं को इन्टरनेट साईट http://eproc.rajasthan.gov.in पर रिजस्टर करवाना होगा। ऑनलाईन निविदा में भाग लेने के लिये डिजिटल सिर्टिफिकेट टेक्नोलॉजी एक्ट 2000 के तहत प्राप्त करना होगा जो इलेक्ट्रोनिक निविदा में साईन करने हेतु काम आयेगा। निविदादाता उपरोक्त डिजीटल सिर्टिफिकेट सी सी ए द्वारा स्वीकृत ऐजेन्सी से प्रापत कर सकते है। जिन निविदादाताओं के पास पूर्व में वैध डिजिटल सिर्टिफिकेट है, नया डिजिटल सिर्टिफिकेट लेने की आवश्यकता नहीं है।
 - स— निविदादाताओं को निविदा प्रपत्र इलेक्ट्रोनिक फॉर्मेट में उपरोक्त वेबसाईट पर डिजिटल साईन के साथ प्रस्तुत करना होगा। जिसके प्रस्ताव डिजिटल साईन के साथ नहीं होगें, उनके प्रस्ताव स्वीकार नहीं किये जायेगें। कोई भी प्रस्ताव अकेले भौतिक फर्म में स्वीकार्य नहीं होगा।
 - द— ऑन लाईन निविदाएं निर्धारित दिनांक एवं समय पर उपरोक्त क्रम संख्या 3 के अनुसार खोली जायेगी।
 - य इलेक्ट्रॉनिक निविदा प्रपत्रों को जमा करानें से पूर्व निविदादाता यह सुनिश्चित कर लेवे कि निविदा प्रपत्रों से संबंधित सभी आवश्यक दस्तावेजों की स्केन कॉपी निविदा प्रपत्रों के साथ अटेच कर दी गयी है।
 - र कोई भी टेंडर इलेक्ट्रॉनिक जमा कराने में किसी कारण विलम्ब हो जाता है तो उसका जिम्मेदार विभाग नहीं होगा।
 - ल टेंडर के प्रपन्नों में आवश्यक सभी सूचियो को सम्पूर्ण रूप से भरकर ऑनलाईन दर्ज करें।

नगर निगम् बीकानेर

शपथ-पत्र

Form of Bid-Securing Declaration

Date : Bid N Altern	,
To:	
We, th	ne undersigned, declare that:
We'ur	nderstand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.
	scept that we are required to pay the bid security amount specified in the Term and Condition of Bid, following cases, namely:-
(a) (b) (c) (d) (e)	when we withdraw or modify our bid after opening of bids; when we do not execute the agreement, if any, after placement of supply/work order within the specified period; when we fail to commence the supply of the goods or service or execute work as per supply/work order within the time specified; when we do not deposit the performance security within specified period after the supply/work order is placed; and if we breach any provision of code of integrity prescribed for bidding specified in the Act and Chapter VI of these rules.
under	lition to above, the State Government shall debar us from participating in any procurement process taken for a period not exceeding three years in case where the entire bid security or any part thereof aired to be forfeited by procuring entity.
We un	nderstand this Bid Securing Declaration shall expire if:-
(i) (ii) (iii) (iv) (v)	we are not the successful Bidder; the execution of agreement for procurement and performance security is furnished by us in case we are successful bidder; thirty days after the expiration of our Bid. the cancellation of the procurement process; or the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documents stipulate that no such withdrawal is permitted.
	d.:
Name	
In the	capacity of:
Duly a	authorized to sign the bid for and on behalf of:
Dated Corpo	on day of orate Seal

[Note: In case of a Joint Venture, the Bid Securing Declaration must be signed in name of all partners of the Joint Venture that is submitting the bid.]

शपथग्रहिता



Name of Work :- बीकानेर नगर निगम के जोन नं0 01 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि मरम्मत कार्य। (ARC)

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 500000/-	Earnest Money Rs. Stamp	Tender Fess :500/-
Earnest Money Cheque Draft No.:	Date :	
Earnest Money M.C.B. Receipt No.:	Date :	
Earnest Fees M.C.B. Receipt No.:	Date :	

S.	BSR	Item	Qty.	Unit	Rate	Amount
No.	Code					
I.	SOR 2017 17.1.1.1	Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil,	01.00	Cum	197.00	197.00
2.	17.1.1.2	kankar, etc. Depth up to 1.5 m depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1	01.00	Cum	211.00	211.00
3.	17.1.1.3	depth of excavation above 3.0 m and upto 4.5 m over item no 17.1.1.1	01.00	Cum	228.50	228.50
4.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P.	01.00	Hour	151.00	151.00
5.	2.9.2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Granular Course	01.00	Cum	206.00	206.00
6.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar	01.00	Cum	284.00	284.00
7.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00
8.	SOR 2017 4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
9.	1.2 1.1.2	Carriage of materials by manual labour including loading, unloading and stacking for lead 5 Km Sand, bazri, ballast, kankar.	1.00	Cum	132.00	132.00
10.	9.3	Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/ cum, optimum moisture content	01.00	Cum	2300.00	2300.00

					· · · · · · · · · · · · · · · · · · ·	
		to be determined during trial length construction,				
		concrete strength not to be less than 10 Mpa at 7 days,				
		mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as				
		per clause 601, 112 of MoRT&H specification				
		including all material, labour, machinery, lighting,				
		guarding and aintenance of diversion.				
11.	26.8	30mm red sand stone sun-shade (chisel-dressed)	01.00	Sqm	1060.00	1060.00
		supported on red sand stone brackets, fixed in				
		walls with cement mortar 1:4 (1 cement : 4				
		coarse sand) including finishing complete.				
12.	29.26.2	Steel work welded in built up sections/ framed	01.00	Kg	87.50	87.50
12.		work including cutting, hoisting, fixing in		8		
		position and applying a priming coat of approved				
		steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder,				
		railings, brackets, gates and similar works.				
13.	21.1.2	Providing and laying in position cement concrete	01.00	Cum	4700.00	4700.00
13.		of specified grade excluding the cost of centring			.,	
		and shuttering - All work upto plinth level:				
		1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
		stone aggregate 20 mm nominal size).				
14.	13.1.2	Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
17.	13.1.2	mixer with First class bricks (min. 10.5 Mpa) in	01.00	Cam	.510.00	.510.00
		foundation (at any level) complete as per drawing and				
		technical specification and as per clause 1000 & 1300				
		of MoRT&H specification including all scaffolding				
		material, labour, machinery but excluding pointing and				
		plastering. In cement mortar 1:4 (1 cement : 4 coarse				
15.	32.3.2	sand) Cement plastering including T&P, scaffolding,	01.00	Sqm	210.00	210.00
13.	32.3.2	material and complete labpour, including cost of water,	01.00	Sqiii	210.00	210.00
		curing, racking of joints etc. with 20 mm cement				
		plaster of mix: 1:4 (1 cement: 4 fine/ coarse sand)				
16.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse	01.00	Sqm	292.00	292.00
		sand : 4 graded 20mm nominal size stone aggregate)				
		finished with a floating coat of neat cement including				
		cement slurry, but excluding the cost of nosing of steps				
17.	17.72.1	etc. complete. 40mm thick Supplying & fixing 560mm dia SFRC manhole frame	01.00	Each	2400.00	2400.00
17.	17.72.1	& cover as per IS: 12592-2002 in existing manholes	01.00	Lucii	2400.00	2400.00
		including grouting the frame in PCC M-15 complete in				
		all respect as directed by the Engineer. HD 20				
18.	SOR 2017	Providing at site, lowering & laying in trenches,	01.00	Mtr	521.00	521.00
	17.19.2	aligning & jointing of RCC pipes NP3 class (with s/s				
		ends) IS: 458 - 1988 (amended up to date) marked and				
		pipes from 300 mm upto 2000 mm manufactured through vertical casting process all levels with Rubber				
		gaskets (EPDM/SBR) for sewer lines as per IS: 5382				
		(including cost of Rubber gaskets lubricants) as per				
		drawing, sectional hydro testing of the sewer pipe line				
		(including cost and conveyance of water to site for				
		testing) etc., complete as directed by Engineer. 200				
	15.40.5	mm internal diameter	2.2.		700.00	522.00
19.	17.19.3	250 mm internal diameter	01.00	Mtr	732.00	732.00
20.	17.19.3	300 mm internal diameter	01.00	Mtr	1010.00	1010.00
21.	17.19.7	450 mm internal diameter	01.00	Mtr.	2120.00	2120.00
22.	SOR 2017	Providing granular bedding having width = outer dia of	01.00	Mtr	133.00	133.00
		pipe (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching = 0.5Bc,				
	17.28.3	with graded hard crusher broken stone of 100%				
	17.20.3	passing through 20mm sheive, 20 to 50 % passing				
		through 10mm sheive and 100 % retain on 6.3mm				
		sheive, laying in layers of thickness 10/15cm including				
		ramming, consolidation etc complete for all type of				
		pipes of following sizes as per drawing and or as				
22	17 20 4	directed by Engineer. 200 mm internal diameter.	01.00	Mer	140.00	140.00
23.	17.28.4	250mm internal diameter	01.00	Mtr.	149.00	149.00
24.	17.28.5	300 mm internal diameter	01.00	Mtr.	170.00	170.00
25.	17.28.8	450 mm internal diameter	01.00	Mtr.	289.00	289.00
	17.20.0	150 mm mornar diameter	01.00	17111		207.00
26.	4.13	Earth filling with available surplus soil excavated from	01.00	Cum	98.00	98.00

		foundations and taken only from outside of building		1		
		foundations and taken only from outside of building plinth in layers not exceeding 20cm in depth,				
		consolidating each deposited layer including ramming				
		and watering and consolidation with lead up to 50 m				
		and lift upto 1.5 m.				
27.	4.26	Providing and fixing Barricading at site of work for	01.00	Mtr.	84.00	84.00
		restricting the general public using 80-100 mm dia				
		Wooden Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height				
		at least 1.5 m above road/ ground level and at least 30-				
		45 cm below road/ ground level by making suitable				
		size hole in road/ ground, providing and fixing two				
		rows of 80-100 mm Wooden Ballies as horizontal				
		members with jute russies. Both vertical and horizontal members shall be painted in red and white colour strips				
		as per approved pattern as and when it becomes shabby				
		but at least after every alternate shifting at new				
		location. After shifting/ removal of barricading holes				
		shall be filled up properly and site is to be cleared in all				
		respect. (Note: measurement is to be done in linear basis)				
28.	17.61.1	Construction of brick masonry cylindrical road	01.00	Each	4560.00	4560.00
	1,,01,1	side inspection chamber of 450mm dia (internal)	01.00	2.0011	.200.00	.2 30.00
		with 230mm thick wall of brick masonry (75				
		class designation brick) in cement mortar 1:4 (1				
		cement: 4 coarse sand), wall 230mm thick,				
		filling of Jhiri, 20mm thick inside and outside				
		plastering with CM (1:3), inside plaster finished				
		with neat coat of cement, with 100 mm thick				
		PCC M10 in foundation, 75mm thick PCC M15				
		flooring, precast SFRC/RCC circular 450mm dia				
		MD manhole frame and cover embedded in 200mm thick PCC M20 grade concrete,				
		including providing and fixing 2 Nos 110mm				
		OD, 0.5m long uPVC pipe pieces of stiffness				
		class SN 8 as per IS 15328 and plugging the				
		same etc complete as per approved drawing				
		and/or directed by Engineer.				
		BM Road side inspection chamber of 450mm				
		depth				
29.	17.70	Raising precast circular manhole cover and	01.00	Each	1510.00	1510.00
		frame by taking out existing precast frame and				
		cover, providing and fixing precast SFRC				
		circular spacer of height 100/125/150mm, re-				
		fixing existing manhole cover frame and cover				
		with cement sand mortar (1:3), including making				
		good the damage, complete as directed by Engineer.				
30.	12.6.1	Providing and fixing of reinforced Ferro-Cement	01.00	Sqm	1550.00	1550.00
]		drain covers designed for 'AA' class loading duly		1		
		marked on cover with adequate steel				
		reinforcement having thickness 75mm to 150mm				
		anti corrosive bitumen painted M.S. plate, Rim				
		and M.S. lifting hooks, Admixtures like				
		plasticizer, bond improving compound,				
		shrinkage, resistance compound, abrasion				
		resistant complete as per approved design etc.				
		Standard Size 600x800mm (75mm thick) for				
31.	12.6.2	span 300 to 450mm Standard Size 1000x800mm (100mm thick) for	01.00	Sqm	2560.00	2560.00
51.	14.0.4	span 451 to 700mm	01.00	Sqiii	2300.00	2300.00
32.	12.6.3	Standard Size 1500x600mm (125mm thick) for	01.00	Sqm	2910.00	2910.00
52.		span 701 to 1200mm		~ -1	2 2 2 3 3 0	
		Total		•		35829.00
		Amount Upto 05.	.00 Lacs			

I/We Tendering above work @	above/below "G" Schedule.
Signature of Tendering Contractor	••••••



Name of Work :- बीकानेर नगर निगम के जोन नं0 05 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि मरम्मत कार्य। (ARC)

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 1500000/-	Earnest Money Rs. Stamp	Tender Fess :1000/-
Earnest Money Cheque Draft No.:	Date :	
Earnest Money M.C.B. Receipt No.:	Date:	
Earnest Fees M.C.B. Receipt No.:	Date :	

S.	BSR	Item	Qty.	Unit	Rate	Amount
No.	Code					
1.	SOR 2017 17.1.1.1	Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil,	01.00	Cum	197.00	197.00
2.	17.1.1.2	kankar, etc. Depth up to 1.5 m depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1	01.00	Cum	211.00	211.00
3.	17.1.1.3	depth of excavation above 3.0 m and upto 4.5 m over item no 17.1.1.1	01.00	Cum	228.50	228.50
4.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P.	01.00	Hour	151.00	151.00
5.	2.9.2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Granular Course	01.00	Cum	206.00	206.00
6.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar	01.00	Cum	284.00	284.00
7.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00
8.	SOR 2017 4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
9.	1.2 1.1.2	Carriage of materials by manual labour including loading, unloading and stacking for lead 5 Km Sand, bazri, ballast, kankar.	1.00	Cum	132.00	132.00
10.	9.3	Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/ cum, optimum moisture content	01.00	Cum	2300.00	2300.00

		to be determined during trial length construction,				
		concrete strength not to be less than 10 Mpa at 7 days,				
		mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as				
		per clause 601, 112 of MoRT&H specification				
		including all material, labour, machinery, lighting,				
		guarding and aintenance of diversion.				
11.	26.8	30mm red sand stone sun-shade (chisel-dressed)	01.00	Sqm	1060.00	1060.00
		supported on red sand stone brackets, fixed in				
		walls with cement mortar 1:4 (1 cement : 4				
		coarse sand) including finishing complete.				
12.	29.26.2	Steel work welded in built up sections/ framed	01.00	Kg	87.50	87.50
		work including cutting, hoisting, fixing in				
		position and applying a priming coat of approved				
		steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder,				
		railings, brackets, gates and similar works.				
13.	21.1.2	Providing and laying in position cement concrete	01.00	Cum	4700.00	4700.00
		of specified grade excluding the cost of centring				
		and shuttering - All work upto plinth level :				
		1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
		stone aggregate 20 mm nominal size).				
14.	13.1.2	Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
		mixer with First class bricks (min. 10.5 Mpa) in				•
		foundation (at any level) complete as per drawing and				
		technical specification and as per clause 1000 & 1300				
		of MoRT&H specification including all scaffolding				
		material, labour, machinery but excluding pointing and plastering. In cement mortar 1:4 (1 cement : 4 coarse				
		sand)				
15.	32.3.2	Cement plastering including T&P, scaffolding,	01.00	Sqm	210.00	210.00
10.		material and complete labpour, including cost of water,		1		
		curing, racking of joints etc. with 20 mm cement				
		plaster of mix: 1:4 (1 cement: 4 fine/ coarse sand)				
16.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse	01.00	Sqm	292.00	292.00
		sand: 4 graded 20mm nominal size stone aggregate) finished with a floating coat of neat cement including				
		cement slurry, but excluding the cost of nosing of steps				
		etc. complete. 40mm thick				
17.	17.72.1	Supplying & fixing 560mm dia SFRC manhole frame	01.00	Each	2400.00	2400.00
		& cover as per IS: 12592-2002 in existing manholes				
		including grouting the frame in PCC M-15 complete in				
10	GOD 2017	all respect as directed by the Engineer. HD 20	0.1.00	3.5	521.00	521.00
18.	SOR 2017 17.19.2	Providing at site, lowering & laying in trenches,	01.00	Mtr	521.00	521.00
	17.19.2	aligning & jointing of RCC pipes NP3 class (with s/s ends) IS: 458 - 1988 (amended up to date) marked and				
		pipes from 300 mm upto 2000 mm manufactured				
		through vertical casting process all levels with Rubber				
		gaskets (EPDM/SBR) for sewer lines as per IS: 5382				
		(including cost of Rubber gaskets lubricants) as per				
		drawing, sectional hydro testing of the sewer pipe line				
		(including cost and conveyance of water to site for				
		testing) etc., complete as directed by Engineer. 200 mm internal diameter				
19.	17.19.3	250 mm internal diameter	01.00	Mtr	732.00	732.00
20.	17.19.3	300 mm internal diameter	01.00	Mtr	1010.00	1010.00
21.	17.19.7	450 mm internal diameter	01.00	Mtr.	2120.00	2120.00
22.	SOR 2017	Providing granular bedding having width = outer dia of	01.00	Mtr	133.00	133.00
22.		pipe (Bc) + 500mm, thickness below pipe = 0.25Bc or	01.00			
		100mm (whichever is higher) and haunching = 0.5 Bc,				
	17.28.3	with graded hard crusher broken stone of 100%				
		passing through 20mm sheive, 20 to 50 % passing				
		through 10mm sheive and 100 % retain on 6.3mm				
		sheive, laying in layers of thickness 10/15cm including ramming, consolidation etc complete for all type of				
		pipes of following sizes as per drawing and or as				
		directed by Engineer. 200 mm internal diameter.				
23.	17.28.4	250mm internal diameter	01.00	Mtr.	149.00	149.00
24.	17.28.5	300 mm internal diameter	01.00	Mtr.	170.00	170.00
25.	17.28.8	450 mm internal diameter	01.00	Mtr	289.00	289.00
26.	4.13	Earth filling with available surplus soil excavated from	01.00	Cum	98.00	98.00

consolidating each deposited layer including ramming and watering and consolidation with lead up to 50 m and lift upto 1.5 m. 27. 4.26 Providing and fixing Barricading at site of work for restricting the general public using 80-100 mm dia Wooden Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height at least 1.5 m above road/ ground level and at least 30-45 cm below road/ ground level by making suitable size hole in road/ ground round level by making suitable size hole in road/ ground, providing and fixing two rows of 80-100 mm. Wooden Ballies as horizontal members with jute russies. Both vertical and horizontal members with jute russies. Both ve	
27. 4.26 Providing and fixing Barricading at site of work for estricting the general public using 80-100 mm dia Wooden Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height at least 1.5 m above road/ ground level and at least 30-45 cm below road/ ground level and at least 30-45 cm below road/ ground level and at least 30-45 cm below road/ ground level and at least 30-45 cm below road/ ground level and at least 30-45 cm below road/ ground level and at least 30-45 cm below road/ ground level and at least 30-45 cm below road/ ground	
side inspection chamber of 450mm dia (internal) with 230mm thick wall of brick masonry (75 class designation brick) in cement mortar 1:4 (1 cement : 4 coarse sand), wall 230mm thick, filling of Jhiri, 20mm thick inside and outside plastering with CM (1:3), inside plaster finished with neat coat of cement, with 100 mm thick PCC M10 in foundation, 75mm thick PCC M15 flooring, precast SFRC/RCC circular 450mm dia MD manhole frame and cover embedded in 200mm thick PCC M20 grade concrete, including providing and fixing 2 Nos 110mm OD, 0.5m long uPVC pipe pieces of stiffness class SN 8 as per IS 15328 and plugging the same etc complete as per approved drawing and/or directed by Engineer. BM Road side inspection chamber of 450mm depth 29. 17.70 Raising precast circular manhole cover and frame by taking out existing precast frame and	
29. 17.70 Raising precast circular manhole cover and frame by taking out existing precast frame and 01.00 Each 1510.00 1510.00	
cover, providing and fixing precast SFRC circular spacer of height 100/125/150mm, refixing existing manhole cover frame and cover with cement sand mortar (1:3), including making good the damage, complete as directed by Engineer.	
30. 12.6.1 Providing and fixing of reinforced Ferro-Cement drain covers designed for 'AA' class loading duly marked on cover with adequate steel reinforcement having thickness 75mm to 150mm anti corrosive bitumen painted M.S. plate, Rim and M.S. lifting hooks, Admixtures like plasticizer, bond improving compound, shrinkage, resistance compound, abrasion resistant complete as per approved design etc. Standard Size 600x800mm (75mm thick) for span 300 to 450mm	
31. 12.6.2 Standard Size 1000x800mm (100mm thick) for 01.00 Sqm 2560.00 2560.00	
32. 12.6.3 Standard Size 1500x600mm (125mm thick) for 01.00 Sqm 2910.00 2910.00	
Total 35829.0 Amount Upto 15.00 Lacs	,

I/We Tendering above work @	above/below "G" Schedule.
Signature of Tendering Contractor	••••••



Name of Work :- बीकानेर नगर निगम के जोन नं0 06 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि मरम्मत कार्य। (ARC)

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 2000000/-	Earnest Money Rs. Stamp	Tender Fess :1000/-
Earnest Money Cheque Draft No.:	Date :	
Earnest Money M.C.B. Receipt No.:	Date :	
Earnest Fees M.C.B. Receipt No.:	Date :	

S. No.	BSR Code	Item	Qty.	Unit	Rate	Amount
1.	SOR 2017 17.1.1.1	Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth up to 1.5 m	01.00	Cum	197.00	197.00
2.	17.1.1.2	depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1	01.00	Cum	211.00	211.00
3.	17.1.1.3	depth of excavation above 3.0 m and upto 4.5 m over item no 17.1.1.1	01.00	Cum	228.50	228.50
4.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P.	01.00	Hour	151.00	151.00
5.	2.9.2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Granular Course	01.00	Cum	206.00	206.00
6.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar	01.00	Cum	284.00	284.00
7.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00
8.	SOR 2017 4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
9.	1.2 1.1.2	Carriage of materials by manual labour including loading, unloading and stacking for lead 5 Km Sand, bazri, ballast, kankar.	1.00	Cum	132.00	132.00
10.	9.3	Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/ cum, optimum moisture content	01.00	Cum	2300.00	2300.00

		1		-	1	
		to be determined during trial length construction,				
		concrete strength not to be less than 10 Mpa at 7 days,				
		mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as				
		per clause 601, 112 of MoRT&H specification				
		including all material, labour, machinery, lighting,				
		guarding and aintenance of diversion.				
11.	26.8	30mm red sand stone sun-shade (chisel-dressed)	01.00	Sqm	1060.00	1060.00
		supported on red sand stone brackets, fixed in				
		walls with cement mortar 1:4 (1 cement : 4				
		coarse sand) including finishing complete.				
12.	29.26.2	Steel work welded in built up sections/ framed	01.00	Kg	87.50	87.50
		work including cutting, hoisting, fixing in				
		position and applying a priming coat of approved				
		steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder,				
		railings, brackets, gates and similar works.				
13.	21.1.2	Providing and laying in position cement concrete	01.00	Cum	4700.00	4700.00
		of specified grade excluding the cost of centring				
		and shuttering - All work upto plinth level :				
		1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
		stone aggregate 20 mm nominal size).				
14.	13.1.2	Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
		mixer with First class bricks (min. 10.5 Mpa) in				
		foundation (at any level) complete as per drawing and				
		technical specification and as per clause 1000 & 1300				
		of MoRT&H specification including all scaffolding material, labour, machinery but excluding pointing and				
		plastering. In cement mortar 1:4 (1 cement : 4 coarse				
		sand)				
15.	32.3.2	Cement plastering including T&P, scaffolding,	01.00	Sqm	210.00	210.00
		material and complete labpour, including cost of water,				
		curing, racking of joints etc. with 20 mm cement				
		plaster of mix: 1:4 (1 cement: 4 fine/ coarse sand)		-		
16.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse	01.00	Sqm	292.00	292.00
		sand: 4 graded 20mm nominal size stone aggregate) finished with a floating coat of neat cement including				
		cement slurry, but excluding the cost of nosing of steps				
		etc. complete. 40mm thick				
17.	17.72.1	Supplying & fixing 560mm dia SFRC manhole frame	01.00	Each	2400.00	2400.00
		& cover as per IS: 12592-2002 in existing manholes				
		including grouting the frame in PCC M-15 complete in				
10	COD 2017	all respect as directed by the Engineer. HD 20	01.00	M4	521.00	521.00
18.	SOR 2017 17.19.2	Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP3 class (with s/s	01.00	Mtr	521.00	521.00
	17.19.2	ends) IS: 458 - 1988 (amended up to date) marked and				
		pipes from 300 mm upto 2000 mm manufactured				
		through vertical casting process all levels with Rubber				
		gaskets (EPDM/SBR) for sewer lines as per IS: 5382				
		(including cost of Rubber gaskets lubricants) as per				
		drawing, sectional hydro testing of the sewer pipe line				
		(including cost and conveyance of water to site for testing) etc., complete as directed by Engineer.				
		200 mm internal diameter				
19.	17.19.3	250 mm internal diameter	01.00	Mtr	732.00	732.00
20.	17.19.3	300 mm internal diameter	01.00	Mtr	1010.00	1010.00
21.	17.19.7	450 mm internal diameter	01.00	Mtr.	2120.00	2120.00
22.	SOR 2017	Providing granular bedding having width = outer dia of	01.00	Mtr	133.00	133.00
22.		pipe (Bc) + 500mm, thickness below pipe = 0.25Bc or	01.00		22.00	
		100mm (whichever is higher) and haunching = 0.5Bc,				
	17.28.3	with graded hard crusher broken stone of 100%				
		passing through 20mm sheive, 20 to 50 % passing				
		through 10mm sheive and 100 % retain on 6.3mm				
		sheive, laying in layers of thickness 10/15cm including ramming, consolidation etc complete for all type of				
		pipes of following sizes as per drawing and or as				
		directed by Engineer. 200 mm internal diameter.				
23.	17.28.4	250mm internal diameter	01.00	Mtr.	149.00	149.00
24.	17.28.5	300 mm internal diameter	01.00	Mtr.	170.00	170.00
25.	17.28.8	450 mm internal diameter	01.00	Mtr	289.00	289.00
26.	4.13	Earth filling with available surplus soil excavated from	01.00	Cum	98.00	98.00

consolidating each deposited layer including ramming and watering and consolidation with lead up to 50 m and lift upto 1.5 m. 27. 4.26 Providing and fixing Barricading at site of work for restricting the general public using 80-100 mm dia Woodn Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height at least 1.5 m above road' ground level by making suitable size hole in road' ground level by making suitable size hole in road' ground, providing and fixing two rows of 80-100 mm Wooden Ballies as horizontal members with jute massies. Both vertical and horizontal members with jute massies and the filling of the safety and site is to be cleared in all respect. (Note: measurement is to be done in linear basis) 28. 17.61.1 Construction of brick masonry cylindrical road side inspection chamber of 450mm dia (internal) with 230mm thick wall of brick masonry (75 class designation brick) in cement mortar 1.4 (1 cement : 4 coarse sand), wall 230mm thick, filling of Jhiri, 20mm thick inside and outside plastering with CM (1.3), inside plaster finished with neat coat of cement, with 100 mm thick PCC MI5 flooring, precast SFRC/RCC circular 450mm dia MID manhole frame and cover embedded in 200mm thick PCC M20 grade concrete, including providing and fixing 2 Nos 110mm OD, 0.5m long utPVC pipe pieces of stiffness class SN 8 as per IS 15328 and plugging the same et complete as per approved drawing and/or directed by Engineer. 29. 17.70 Raising precast circular manhole cover and frame by taking out existing precast frame and cover with cement sand mortar (1:3), including making good the damage, comp			foundations and taken only from outside of building plinth in layers not exceeding 20cm in depth,				
27. 4.26 Providing and fixing Barricading at site of work for restricting the general public using 80-100 mm dia Wooden Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height at least 1.5 m above road/ ground level and at least 30-45 cm below road/ ground level and at least 30-45 cm below road/ ground level with a least 30-45 cm below road/ ground level with a least 30-45 cm below road/ ground level by making suitable size hole in road/ ground, providing and fixing two rows of 80-100 mm Wooden Ballies as horizontal members shall be painted in red and white colour strips as per approved pattern as and when it becomes habby but at least after every alternate shifting at new location. After shifting/ removal of barricading holes shall be filled up properly and site is to be cleared in all respect. (Note: measurement is to be done in linear basis) 28. 17.61.1 Construction of brick masonry cylindrical road side inspection chamber of 450mm dia (internal) with 230mm thick wall of brick masonry (75 class designation brick) in cement mortar 1:4 (1 cement : 4 coarse sand), wall 230mm thick, filling of Jhiri, 20mm thick inside and outside plastering with CM (1:3), inside plaster finished with neat coat of cement, with 100 mm thick PC M15 flooring, precast SFRC/RC circular 450mm dia MD mahole frame and cover embedded in 200mm thick PCC M20 grade concrete, including providing and fixing 2 Nos 110mm OD, 0.5m long uPVC pipe pieces of stiffness class SN 8 as per IS 15328 and plugging the same etc complete as per approved drawing and/or directed by Engineer. BM Road side inspection chamber of 450mm depth 29. 17.70 Raising precast circular manhole cover and frame by taking out existing precast frame and cover, providing and fixing precast frame and cover with cement sand mortar (1:3), including making good the damage, complete as directed by Engineer. 30. 12.6.1 Providing and fixing of reinforced Ferro-Cement			and watering and consolidation with lead up to 50 m				
side inspection chamber of 450mm dia (internal) with 230mm thick wall of brick masonry (75 class designation brick) in cement mortar 1:4 (1 cement : 4 coarse sand), wall 230mm thick, filling of Jhiri, 20mm thick inside and outside plastering with CM (1:3), inside plaster finished with neat coat of cement, with 100 mm thick PCC M10 in foundation, 75mm thick PCC M15 flooring, precast SFRC/RCC circular 450mm dia MD manhole frame and cover embedded in 200mm thick PCC M20 grade concrete, including providing and fixing 2 Nos 110mm OD, 0.5m long uPVC pipe pieces of stiffness class SN 8 as per IS 15328 and plugging the same etc complete as per approved drawing and/or directed by Engineer. BM Road side inspection chamber of 450mm depth 29. 17.70 Raising precast circular manhole cover and frame by taking out existing precast SFRC circular spacer of height 100/125/150mm, refixing existing manhole cover frame and cover with cement sand mortar (1:3), including making good the damage, complete as directed by Engineer. 30. 12.6.1 Providing and fixing of reinforced Ferro-Cement 01.00 Sqm 1550.00 1550.00	27.	4.26	Providing and fixing Barricading at site of work for restricting the general public using 80-100 mm dia Wooden Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height at least 1.5 m above road/ ground level and at least 30-45 cm below road/ ground level by making suitable size hole in road/ ground, providing and fixing two rows of 80-100 mm Wooden Ballies as horizontal members with jute russies. Both vertical and horizontal members shall be painted in red and white colour strips as per approved pattern as and when it becomes shabby but at least after every alternate shifting at new location. After shifting/ removal of barricading holes shall be filled up properly and site is to be cleared in all respect. (Note: measurement is to be done in linear	01.00	Mtr.	84.00	84.00
29. 17.70 Raising precast circular manhole cover and frame by taking out existing precast frame and cover, providing and fixing precast SFRC circular spacer of height 100/125/150mm, refixing existing manhole cover frame and cover with cement sand mortar (1:3), including making good the damage, complete as directed by Engineer. 30. 12.6.1 Providing and fixing of reinforced Ferro-Cement 01.00 Sqm 1550.00	28.	17.61.1	Construction of brick masonry cylindrical road side inspection chamber of 450mm dia (internal) with 230mm thick wall of brick masonry (75 class designation brick) in cement mortar 1:4 (1 cement: 4 coarse sand), wall 230mm thick, filling of Jhiri, 20mm thick inside and outside plastering with CM (1:3), inside plaster finished with neat coat of cement, with 100 mm thick PCC M10 in foundation, 75mm thick PCC M15 flooring, precast SFRC/RCC circular 450mm dia MD manhole frame and cover embedded in 200mm thick PCC M20 grade concrete, including providing and fixing 2 Nos 110mm OD, 0.5m long uPVC pipe pieces of stiffness class SN 8 as per IS 15328 and plugging the same etc complete as per approved drawing and/or directed by Engineer. BM Road side inspection chamber of 450mm	01.00	Each	4560.00	4560.00
30. 12.6.1 Providing and fixing of reinforced Ferro-Cement 01.00 Sqm 1550.00 1550.00	29.	17.70	Raising precast circular manhole cover and frame by taking out existing precast frame and cover, providing and fixing precast SFRC circular spacer of height 100/125/150mm, refixing existing manhole cover frame and cover with cement sand mortar (1:3), including making good the damage, complete as directed by	01.00	Each	1510.00	1510.00
marked on cover with adequate steel reinforcement having thickness 75mm to 150mm anti corrosive bitumen painted M.S. plate, Rim and M.S. lifting hooks, Admixtures like plasticizer, bond improving compound, shrinkage, resistance compound, abrasion resistant complete as per approved design etc. Standard Size 600x800mm (75mm thick) for span 300 to 450mm	30.		Providing and fixing of reinforced Ferro-Cement drain covers designed for 'AA' class loading duly marked on cover with adequate steel reinforcement having thickness 75mm to 150mm anti corrosive bitumen painted M.S. plate, Rim and M.S. lifting hooks, Admixtures like plasticizer, bond improving compound, shrinkage, resistance compound, abrasion resistant complete as per approved design etc. Standard Size 600x800mm (75mm thick) for span 300 to 450mm		Sqm		
31. 12.6.2 Standard Size 1000x800mm (100mm thick) for span 451 to 700mm (100mm thick) for span 451 to 700mm (100mm thick) for span 451 to 700mm			span 451 to 700mm				
32. 12.6.3 Standard Size 1500x600mm (125mm thick) for span 701 to 1200mm	32.	12.6.3	span 701 to 1200mm	01.00	Sqm	2910.00	
Total 35829.00 Amount Upto 20.00 Lacs				.00 Lacs			35829.00

I/We Tendering above work @	above/below "G" Schedule.
Signature of Tendering Contractor	•••••



Name of Work :- बीकानेर नगर निगम के जोन नं0 08 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) सीवर लाईन व मैन हॉल कवर इत्यादि मरम्मत कार्य। (ARC)

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 500000/-	Earnest Money Rs. Stamp	Tender Fess :500/-
Earnest Money Cheque Draft No.:	Date :	
Earnest Money M.C.B. Receipt No.:	Date :	
Earnest Fees M.C.B. Receipt No.:	Date :	

S. No.	BSR Code	Item	Qty.	Unit	Rate	Amount
1.	SOR 2017 17.1.1.1	Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth up to 1.5 m	01.00	Cum	197.00	197.00
2.	17.1.1.2	depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1	01.00	Cum	211.00	211.00
3.	17.1.1.3	depth of excavation above 3.0 m and upto 4.5 m over item no 17.1.1.1	01.00	Cum	228.50	228.50
4.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P	01.00	Hour	151.00	151.00
5.	2.9.2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Granular Course	01.00	Cum	206.00	206.00
6.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar	01.00	Cum	284.00	284.00
7.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00
8.	SOR 2017 4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
9.	1.2 1.1.2	Carriage of materials by manual labour including loading, unloading and stacking for lead 5 Km Sand, bazri, ballast, kankar.	1.00	Cum	132.00	132.00
10.	9.3	Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/cum, optimum moisture content	01.00	Cum	2300.00	2300.00

		T		1	1	
		to be determined during trial length construction,				
		concrete strength not to be less than 10 Mpa at 7 days,				
		mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as				
		per clause 601, 112 of MoRT&H specification				
		including all material, labour, machinery, lighting,				
		guarding and aintenance of diversion.				
11.	26.8	30mm red sand stone sun-shade (chisel-dressed)	01.00	Sqm	1060.00	1060.00
		supported on red sand stone brackets, fixed in		_		
		walls with cement mortar 1:4 (1 cement : 4				
		coarse sand) including finishing complete.				
12.	29.26.2	Steel work welded in built up sections/ framed	01.00	Kg	87.50	87.50
		work including cutting, hoisting, fixing in				
		position and applying a priming coat of approved				
		steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder,				
		railings, brackets, gates and similar works.				
13.	21.1.2	Providing and laying in position cement concrete	01.00	Cum	4700.00	4700.00
		of specified grade excluding the cost of centring				
		and shuttering - All work upto plinth level :				
		1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
		stone aggregate 20 mm nominal size).				
14.	13.1.2	Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
		mixer with First class bricks (min. 10.5 Mpa) in				
		foundation (at any level) complete as per drawing and technical specification and as per clause 1000 & 1300				
		of MoRT&H specification including all scaffolding				
		material, labour, machinery but excluding pointing and				
		plastering. In cement mortar 1:4 (1 cement : 4 coarse				
		sand)				
15.	32.3.2	Cement plastering including T&P, scaffolding,	01.00	Sqm	210.00	210.00
		material and complete labpour, including cost of water, curing, racking of joints etc. with 20 mm cement				
		plaster of mix: 1:4 (1 cement: 4 fine/ coarse sand)				
16.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse	01.00	Sqm	292.00	292.00
10.		sand: 4 graded 20mm nominal size stone aggregate)		1		
		finished with a floating coat of neat cement including				
		cement slurry, but excluding the cost of nosing of steps				
17	17.70.1	etc. complete. 40mm thick	01.00	Г 1	2400.00	2400.00
17.	17.72.1	Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes	01.00	Each	2400.00	2400.00
		including grouting the frame in PCC M-15 complete in				
		all respect as directed by the Engineer. HD 20				
18.	SOR 2017	Providing at site, lowering & laying in trenches,	01.00	Mtr	521.00	521.00
	17.19.2	aligning & jointing of RCC pipes NP3 class (with s/s				
		ends) IS: 458 - 1988 (amended up to date) marked and				
		pipes from 300 mm upto 2000 mm manufactured through vertical casting process all levels with Rubber				
		gaskets (EPDM/SBR) for sewer lines as per IS: 5382				
		(including cost of Rubber gaskets lubricants) as per				
		drawing, sectional hydro testing of the sewer pipe line				
		(including cost and conveyance of water to site for				
		testing) etc., complete as directed by Engineer.				
10	17.19.3	200 mm internal diameter	01.00	N. // 4	732.00	732.00
19.		250 mm internal diameter 300 mm internal diameter	01.00	Mtr	1010.00	1010.00
20.	17.19.3 17.19.7		01.00	Mtr	2120.00	2120.00
21.	SOR 2017	450 mm internal diameter Providing granular bedding having width = outer dia of	01.00	Mtr. Mtr	133.00	133.00
22.	SUK 201 /	pipe $(Bc) + 500$ mm, thickness below pipe $= 0.25$ Bc or	01.00	IVIUT	133.00	133.00
		100mm (whichever is higher) and haunching = 0.25Bc or				
	17.28.3	with graded hard crusher broken stone of 100%				
		passing through 20mm sheive, 20 to 50 % passing				
		through 10mm sheive and 100 % retain on 6.3mm				
		sheive, laying in layers of thickness 10/15cm including				
		ramming, consolidation etc complete for all type of pipes of following sizes as per drawing and or as				
		directed by Engineer. 200 mm internal diameter.				
23.	17.28.4	250mm internal diameter	01.00	Mtr.	149.00	149.00
24.	17.28.5	300 mm internal diameter	01.00	Mtr.	170.00	170.00
25.	17.28.8	450 mm internal diameter	01.00	Mtr	289.00	289.00
26.	4.13	Earth filling with available surplus soil excavated from	01.00	Cum	98.00	98.00
		•				

<u> </u>		foundations and taken only from outside of building		1		
		plinth in layers not exceeding 20cm in depth,				
		consolidating each deposited layer including ramming				
		and watering and consolidation with lead up to 50 m				
		and lift upto 1.5 m.				
27.	4.26	Providing and fixing Barricading at site of work for	01.00	Mtr.	84.00	84.00
		restricting the general public using 80-100 mm dia				
		Wooden Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height				
		at least 1.5 m above road/ ground level and at least 30-				
		45 cm below road/ ground level by making suitable				
		size hole in road/ ground, providing and fixing two				
		rows of 80-100 mm Wooden Ballies as horizontal				
		members with jute russies. Both vertical and horizontal				
		members shall be painted in red and white colour strips				
		as per approved pattern as and when it becomes shabby but at least after every alternate shifting at new				
		location. After shifting/ removal of barricading holes				
		shall be filled up properly and site is to be cleared in all				
		respect. (Note: measurement is to be done in linear				
20		basis)	0.1.00	_	47.50.00	15.000
28.	17.61.1	Construction of brick masonry cylindrical road	01.00	Each	4560.00	4560.00
		side inspection chamber of 450mm dia (internal)				
		with 230mm thick wall of brick masonry (75				
		class designation brick) in cement mortar 1:4 (1 cement : 4 coarse sand), wall 230mm thick,				
		filling of Jhiri, 20mm thick inside and outside				
		plastering with CM (1:3), inside plaster finished				
		with neat coat of cement, with 100 mm thick				
		PCC M10 in foundation, 75mm thick PCC M15				
		flooring, precast SFRC/RCC circular 450mm dia				
		MD manhole frame and cover embedded in				
		200mm thick PCC M20 grade concrete,				
		including providing and fixing 2 Nos 110mm				
		OD, 0.5m long uPVC pipe pieces of stiffness				
		class SN 8 as per IS 15328 and plugging the				
		same etc complete as per approved drawing				
		and/or directed by Engineer.				
		BM Road side inspection chamber of 450mm				
		depth				
29.	17.70	Raising precast circular manhole cover and	01.00	Each	1510.00	1510.00
		frame by taking out existing precast frame and				
		cover, providing and fixing precast SFRC				
		circular spacer of height 100/125/150mm, re-				
		fixing existing manhole cover frame and cover				
		with cement sand mortar (1:3), including making good the damage, complete as directed by				
		Engineer.				
30.	12.6.1	Providing and fixing of reinforced Ferro-Cement	01.00	Sqm	1550.00	1550.00
50.		drain covers designed for 'AA' class loading duly		1		
		marked on cover with adequate steel				
		reinforcement having thickness 75mm to 150mm				
		anti corrosive bitumen painted M.S. plate, Rim				
		and M.S. lifting hooks, Admixtures like				
		plasticizer, bond improving compound,				
		shrinkage, resistance compound, abrasion				
		resistant complete as per approved design etc.				
		Standard Size 600x800mm (75mm thick) for				
	4	span 300 to 450mm	0.00		95-22-	# a
31.	12.6.2	Standard Size 1000x800mm (100mm thick) for	01.00	Sqm	2560.00	2560.00
- 22	10.63	span 451 to 700mm	01.00	C	2010.00	2010.00
32.	12.6.3	Standard Size 1500x600mm (125mm thick) for	01.00	Sqm	2910.00	2910.00
		span 701 to 1200mm				25920.00
<u> </u>		Total	M I ees			35829.00
		Amount Upto 05	OU Lacs			

I/We Tendering above work @	above/below "G" Schedule.
Signature of Tendering Contractor	••••••



Name of Work :- बीकानेर नगर निगम के जोन नं0 01 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) नाली क्रोस, प्लेट जंगला इत्यादि मरम्मत कार्य। (ARC)

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 1000000/-	Earnest Money Rs. Stamp	Tender Fess :500/-
Earnest Money Cheque Draft No.:	Date:	
Earnest Money M.C.B. Receipt No.:	Date :	
Earnest Fees M.C.B. Receipt No.:	Date :	

S.	BSR	Item	Qty.	Unit	Rate	Amount
No.	Code					
1.	4.10.1.1	Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m	01.00	Cum	164.00	164.00
2.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P.	01.00	Hour	151.00	151.00
3.	2.9.2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Granular Course	01.00	Cum	206.00	206.00
4.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar	01.00	Cum	284.00	284.00
5.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00
6.	SOR 2017 4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
7.	1.2 1.1.2	Carriage of materials by manual labour including loading, unloading and stacking for lead 5 Km Sand, bazri, ballast, kankar.	1.00	Cum	132.00	132.00
8.	9.3	Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and aintenance of diversion.	01.00	Cum	2300.00	2300.00

		Total Amount Upto 10	00 I aaa			21923.50
		span 701 to 1200mm		1		
19.	12.6.3	span 451 to 700mm Standard Size 1500x600mm (125mm thick) for	01.00	Sqm	2910.00	2910.00
18.	12.6.2	thickness /5mm to 150mm anti corrosive bitumen painted M.S. plate , Rim and M.S. lifting hooks, Admixtures like plasticizer, bond improving compound, shrinkage, resistance compound, abrasion resistant complete as per approved design etc. Standard Size 600x800mm (75mm thick) for span 300 to 450mm Standard Size 1000x800mm (100mm thick) for	01.00	Sqm	2560.00	2560.00
17.	12.6.1	Providing and fixing of reinforced Ferro-Cement drain covers designed for 'AA' class loading duly marked on cover with adequate steel reinforcement having thickness 75mm to 150mm anti corrosive bitumen	01.00	Sqm	1550.00	1550.00
		Wooden Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height at least 1.5 m above road/ ground level and at least 30-45 cm below road/ ground level by making suitable size hole in road/ ground, providing and fixing two rows of 80-100 mm Wooden Ballies as horizontal members with jute russies. Both vertical and horizontal members shall be painted in red and white colour strips as per approved pattern as and when it becomes shabby but at least after every alternate shifting at new location. After shifting/ removal of barricading holes shall be filled up properly and site is to be cleared in all respect. (Note: measurement is to be done in linear basis)				
16.	4.26	etc. complete. 40mm thick Providing and fixing Barricading at site of work for restricting the general public using 80-100 mm dia	01.00	Mtr.	84.00	84.00
15.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded 20mm nominal size stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps	01.00	Sqm	292.00	292.00
14.	21.8	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	01.00	Sqm	259.00	259.00
13.	32.3.2	Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 20 mm cement plaster of mix: 1:4 (1 cement: 4 fine/coarse sand)	01.00	Sqm	210.00	210.00
		mixer with First class bricks (min. 10.5 Mpa) in foundation (at any level) complete as per drawing and technical specification and as per clause 1000 & 1300 of MoRT&H specification including all scaffolding material, labour, machinery but excluding pointing and plastering. In cement mortar 1:4 (1 cement : 4 coarse sand)				
12.	13.1.2	and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size). Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
11.	21.1.2	required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. Providing and laying in position cement concrete of specified grade excluding the cost of centring	01.00	Cum	4700.00	4700.00
10.	29.26.2	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as	01.00	Kg	87.50	87.50
9.	26.8	30mm red sand stone sun-shade (chisel-dressed) supported on red sand stone brackets, fixed in walls with cement mortar 1:4 (1 cement : 4 coarse sand) including finishing complete.	01.00	Sqm	1060.00	1060.00

I/We Tendering above work @ above/below "G" Schedule. Signature of Tendering Contractor



Name of Work :- बीकानेर नगर निगम के जोन नं0 05 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) नाली क्रोस, प्लेट जंगला इत्यादि मरम्मत कार्य। (ARC)

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 1000000/-	Earnest Money Rs. Stamp	Tender Fess :500/-
Earnest Money Cheque Draft No.:	Date :	
Earnest Money M.C.B. Receipt No.:	Date :	
Earnest Fees M.C.B. Receipt No.:	Date :	

S.	BSR	Item	Qty.	Unit	Rate	Amount
No. 1.	Code 4.10.1.1	Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling	01.00	Cum	164.00	164.00
		after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below				
		natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m				
2.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P.	01.00	Hour	151.00	151.00
3.	2.9.2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Granular Course	01.00	Cum	206.00	206.00
4.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar	01.00	Cum	284.00	284.00
5.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00
6.	SOR 2017 4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
7.	1.2 1.1.2	Carriage of materials by manual labour including loading, unloading and stacking for lead 5 Km Sand, bazri, ballast, kankar.	1.00	Cum	132.00	132.00
8.	9.3	Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and aintenance of diversion.	01.00	Cum	2300.00	2300.00

9.	26.8	30mm red sand stone sun-shade (chisel-dressed)	01.00	Sqm	1060.00	1060.00
		supported on red sand stone brackets, fixed in				
		walls with cement mortar 1:4 (1 cement : 4				
		coarse sand) including finishing complete.				
10.	29.26.2	Steel work welded in built up sections/ framed	01.00	Kg	87.50	87.50
		work including cutting, hoisting, fixing in				
		position and applying a priming coat of approved				
		steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder,				
11.	21.1.2	railings, brackets, gates and similar works. Providing and laying in position cement concrete	01.00	Cum	4700.00	4700.00
11.	21.1.2	of specified grade excluding the cost of centring	01.00	Cum	1700.00	1700.00
		and shuttering - All work upto plinth level :				
		1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
		stone aggregate 20 mm nominal size).				
12.	13.1.2	Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
		mixer with First class bricks (min. 10.5 Mpa) in				
		foundation (at any level) complete as per drawing and technical specification and as per clause 1000 & 1300				
		of MoRT&H specification including all scaffolding				
		material, labour, machinery but excluding pointing and				
		plastering. In cement mortar 1:4 (1 cement : 4 coarse				
10	20.2.0	sand)	01.00	C	210.00	210.00
13.	32.3.2	Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water,	01.00	Sqm	210.00	210.00
		curing, racking of joints etc. with 20 mm cement				
		plaster of mix: 1:4 (1 cement: 4 fine/ coarse sand)				
14.	21.8	Providing and laying damp-proof course 40mm thick	01.00	Sqm	259.00	259.00
		with cement concrete 1:2:4 (1 cement : 2 coarse sand :				
15.	30.3.1	4 graded stone aggregate 20mm nominal size). Cement concrete flooring 1:2:4 (1 cement : 2 coarse	01.00	Sqm	292.00	292.00
13.	30.3.1	sand : 4 graded 20mm nominal size stone aggregate)	01.00	Sqiii	272.00	2,2.00
		finished with a floating coat of neat cement including				
		cement slurry, but excluding the cost of nosing of steps				
16.	4.26	etc. complete. 40mm thick Providing and fixing Barricading at site of work for	01.00	Mtr.	84.00	84.00
10.	4.20	restricting the general public using 80-100 mm dia	01.00	With.	04.00	04.00
		Wooden Ballies as vertical post with average spacing				
		of 1.80 meter between two vertical posts, having height				
		at least 1.5 m above road/ ground level and at least 30- 45 cm below road/ ground level by making suitable				
		size hole in road/ ground, providing and fixing two				
		rows of 80-100 mm Wooden Ballies as horizontal				
		members with jute russies. Both vertical and horizontal				
		members shall be painted in red and white colour strips				
		as per approved pattern as and when it becomes shabby but at least after every alternate shifting at new				
		location. After shifting/ removal of barricading holes				
		shall be filled up properly and site is to be cleared in all				
		respect. (Note: measurement is to be done in linear				
17.	12.6.1	basis) Providing and fixing of reinforced Ferro-Cement	01.00	Sqm	1550.00	1550.00
1/.	12.0.1	drain covers designed for 'AA' class loading duly	01.00	Sqiii	1550.00	1330.00
		marked on cover with adequate steel				
		reinforcement having thickness 75mm to 150mm				
		anti corrosive bitumen painted M.S. plate, Rim				
		and M.S. lifting hooks, Admixtures like				
		plasticizer, bond improving compound,				
		shrinkage, resistance compound, abrasion				
		resistant complete as per approved design etc.				
		Standard Size 600x800mm (75mm thick) for				
10	12.62	span 300 to 450mm	01.00	Carr	2560.00	2560.00
18.	12.6.2	Standard Size 1000x800mm (100mm thick) for span 451 to 700mm	01.00	Sqm	2560.00	2560.00
19.	12.6.3	Standard Size 1500x600mm (125mm thick) for	01.00	Sqm	2910.00	2910.00
17.	12.0.0	span 701 to 1200mm	01.00	~4···	2,10.00	2710.00
<u> </u>		Total				21923.50
		Amount Upto 10	.00 Lacs	<u> </u>		
		•				



Name of Work :- बीकानेर नगर निगम के जोन नं0 06 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) नाली क्रोस, प्लेट जंगला इत्यादि मरम्मत कार्य। (ARC)

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 1000000/-	Earnest Money Rs. Stamp	Tender Fess :500/-
Earnest Money Cheque Draft No.:	Date:	
Earnest Money M.C.B. Receipt No.:	Date :	
Earnest Fees M.C.B. Receipt No.:	Date :	

S.	BSR	Item	Qty.	Unit	Rate	Amount
No. 1.	Code 4.10.1.1	Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay,	01.00	Cum	164.00	164.00
2.	BSR 1.27.1&1.2 7.2/ B-7	black cotton soil, kankar, etc. Depth upto 1.5 m Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P.	01.00	Hour	151.00	151.00
3.	2.9.2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Granular Course	01.00	Cum	206.00	206.00
4.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar	01.00	Cum	284.00	284.00
5.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00
6.	SOR 2017 4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
7.	1.2 1.1.2	Carriage of materials by manual labour including loading, unloading and stacking for lead 5 Km Sand, bazri, ballast, kankar.	1.00	Cum	132.00	132.00
8.	9.3	Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and aintenance of diversion.	01.00	Cum	2300.00	2300.00

9.	26.8	30mm red sand stone sun-shade (chisel-dressed)	01.00	Sqm	1060.00	1060.00
		supported on red sand stone brackets, fixed in				
		walls with cement mortar 1:4 (1 cement : 4				
		coarse sand) including finishing complete.				
10.	29.26.2	Steel work welded in built up sections/ framed	01.00	Kg	87.50	87.50
		work including cutting, hoisting, fixing in				
		position and applying a priming coat of approved				
		steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.				
11.	21.1.2	Providing and laying in position cement concrete	01.00	Cum	4700.00	4700.00
11.		of specified grade excluding the cost of centring		0.000		
		and shuttering - All work upto plinth level :				
		1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
		stone aggregate 20 mm nominal size).				
12.	13.1.2	Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
		mixer with First class bricks (min. 10.5 Mpa) in				
		foundation (at any level) complete as per drawing and technical specification and as per clause 1000 & 1300				
		of MoRT&H specification including all scaffolding				
		material, labour, machinery but excluding pointing and				
		plastering. In cement mortar 1:4 (1 cement : 4 coarse				
13.	32.3.2	sand) Cement plastering including T&P, scaffolding,	01.00	Sqm	210.00	210.00
13.	32.3.2	material and complete labour, including cost of water,	01.00	Sqiii	210.00	210.00
		curing, racking of joints etc. with 20 mm cement				
		plaster of mix : 1:4 (1 cement : 4 fine/ coarse sand)				
14.	21.8	Providing and laying damp-proof course 40mm thick	01.00	Sqm	259.00	259.00
		with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).				
15.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse	01.00	Sqm	292.00	292.00
		sand: 4 graded 20mm nominal size stone aggregate)				
		finished with a floating coat of neat cement including				
		cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick				
16.	4.26	Providing and fixing Barricading at site of work for	01.00	Mtr.	84.00	84.00
		restricting the general public using 80-100 mm dia				
		Wooden Ballies as vertical post with average spacing				
		of 1.80 meter between two vertical posts, having height at least 1.5 m above road/ ground level and at least 30-				
		45 cm below road/ ground level by making suitable				
		size hole in road/ ground, providing and fixing two				
		rows of 80-100 mm Wooden Ballies as horizontal				
		members with jute russies. Both vertical and horizontal members shall be painted in red and white colour strips				
		as per approved pattern as and when it becomes shabby				
		but at least after every alternate shifting at new				
		location. After shifting/ removal of barricading holes				
		shall be filled up properly and site is to be cleared in all				
		respect. (Note: measurement is to be done in linear basis)				
17.	12.6.1	Providing and fixing of reinforced Ferro-Cement	01.00	Sqm	1550.00	1550.00
		drain covers designed for 'AA' class loading duly		1		
		marked on cover with adequate steel				
		reinforcement having thickness 75mm to 150mm				
		anti corrosive bitumen painted M.S. plate, Rim				
		and M.S. lifting hooks, Admixtures like				
		plasticizer, bond improving compound,				
		shrinkage, resistance compound, abrasion				
		resistant complete as per approved design etc. Standard Size 600x800mm (75mm thick) for				
		span 300 to 450mm				
18.	12.6.2	Standard Size 1000x800mm (100mm thick) for	01.00	Sqm	2560.00	2560.00
10.		span 451 to 700mm		~ -1		
19.	12.6.3	Standard Size 1500x600mm (125mm thick) for	01.00	Sqm	2910.00	2910.00
		span 701 to 1200mm				
		Total				21923.50
1		Amount Upto 10	.00 Lacs			



Name of Work :- बीकानेर नगर निगम के जोन नं0 08 में विभिन्न स्थानों पर (अन्य विभागों के अधिकार क्षेत्र को छोड़कर) नाली क्रोस, प्लेट जंगला इत्यादि मरम्मत कार्य। (ARC)

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 1000000/-	Earnest Money Rs. Stamp	Tender Fess :500/-
Earnest Money Cheque Draft No.:	Date :	
Earnest Money M.C.B. Receipt No.:	Date:	
Earnest Fees M.C.B. Receipt No.:	Date :	

S.	BSR	Item	Qty.	Unit	Rate	Amount
No. 1.	Code 4.10.1.1	Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus	01.00	Cum	164.00	164.00
		excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m				
2.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P.	01.00	Hour	151.00	151.00
3.	2.9.2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Granular Course	01.00	Cum	206.00	206.00
4.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar	01.00	Cum	284.00	284.00
5.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00
6.	SOR 2017 4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
7.	1.2 1.1.2	Carriage of materials by manual labour including loading, unloading and stacking for lead 5 Km Sand, bazri, ballast, kankar.	1.00	Cum	132.00	132.00
8.	9.3	Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and aintenance of diversion.	01.00	Cum	2300.00	2300.00

9.	26.8	30mm red sand stone sun-shade (chisel-dressed)	01.00	Sqm	1060.00	1060.00
		supported on red sand stone brackets, fixed in				
		walls with cement mortar 1:4 (1 cement : 4				
		coarse sand) including finishing complete.				
10.	29.26.2	Steel work welded in built up sections/ framed	01.00	Kg	87.50	87.50
		work including cutting, hoisting, fixing in				
		position and applying a priming coat of approved				
		steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.				
11.	21.1.2	Providing and laying in position cement concrete	01.00	Cum	4700.00	4700.00
11.		of specified grade excluding the cost of centring		0.000	.,,,,,,,	
		and shuttering - All work upto plinth level :				
		1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
		stone aggregate 20 mm nominal size).				
12.	13.1.2	Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
		mixer with First class bricks (min. 10.5 Mpa) in				
		foundation (at any level) complete as per drawing and technical specification and as per clause 1000 & 1300				
		of MoRT&H specification including all scaffolding				
		material, labour, machinery but excluding pointing and				
		plastering. In cement mortar 1:4 (1 cement : 4 coarse				
13.	32.3.2	sand) Cement plastering including T&P, scaffolding,	01.00	Sqm	210.00	210.00
13.	32.3.2	material and complete labour, including cost of water,	01.00	Sqiii	210.00	210.00
		curing, racking of joints etc. with 20 mm cement				
		plaster of mix : 1:4 (1 cement : 4 fine/ coarse sand)				
14.	21.8	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand :	01.00	Sqm	259.00	259.00
		4 graded stone aggregate 20mm nominal size).				
15.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse	01.00	Sqm	292.00	292.00
		sand: 4 graded 20mm nominal size stone aggregate)				
		finished with a floating coat of neat cement including				
		cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick				
16.	4.26	Providing and fixing Barricading at site of work for	01.00	Mtr.	84.00	84.00
		restricting the general public using 80-100 mm dia				
		Wooden Ballies as vertical post with average spacing				
		of 1.80 meter between two vertical posts, having height at least 1.5 m above road/ ground level and at least 30-				
		45 cm below road/ ground level by making suitable				
		size hole in road/ ground, providing and fixing two				
		rows of 80-100 mm Wooden Ballies as horizontal				
		members with jute russies. Both vertical and horizontal members shall be painted in red and white colour strips				
		as per approved pattern as and when it becomes shabby				
		but at least after every alternate shifting at new				
		location. After shifting/ removal of barricading holes				
		shall be filled up properly and site is to be cleared in all				
		respect. (Note: measurement is to be done in linear basis)				
17.	12.6.1	Providing and fixing of reinforced Ferro-Cement	01.00	Sqm	1550.00	1550.00
		drain covers designed for 'AA' class loading duly				
		marked on cover with adequate steel				
		reinforcement having thickness 75mm to 150mm				
		anti corrosive bitumen painted M.S. plate, Rim				
		and M.S. lifting hooks, Admixtures like				
		plasticizer, bond improving compound,				
		shrinkage, resistance compound, abrasion resistant complete as per approved design etc.				
		Standard Size 600x800mm (75mm thick) for				
		span 300 to 450mm				
18.	12.6.2	Standard Size 1000x800mm (100mm thick) for	01.00	Sqm	2560.00	2560.00
		span 451 to 700mm				
19.	12.6.3	Standard Size 1500x600mm (125mm thick) for	01.00	Sqm	2910.00	2910.00
		span 701 to 1200mm				
		Total				21923.50
	Amount Upto 10.00 Lacs					



Name of Work :- बीकानेर नगर निगम के जोन नं0 02 में विभिन्न स्थानों पर सीवर लाईन, ढक्कन, चैम्बर मरम्मत, लाईन मरम्मत, नाली / क्रोस मरम्मत का कार्य। ऐ०आर०सी० कार्य।

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 2000000/-	Earnest Money Rs. Stamp	Tender Fess :1000/-
Earnest Money Cheque Draft No.:	Date :	
Earnest Money M.C.B. Receipt No.:	Date :	
Earnest Fees M.C.B. Receipt No.:	Date :	

S. No.	Item Code	Item	Qty.	Unit	Rate	Amount
1.	SOR 2017 17.1.1.1	Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), rehandling of material/earth to complete the task. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth up to 1.5 m	01.00	Cum	197.00	197.00
2.	17.1.1.2	depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1	01.00	Cum	211.00	211.00
3.	17.1.1.3	depth of excavation above 3.0 m and upto 4.5 m over item no 17.1.1.1	01.00	Cum	228.50	228.50
4.	17.1.1.4	depth of excavation above 4.5 m and upto 6.0 m over item no 17.1.1.1	01.00	Cum	252.00	252.00
5.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P	01.00	Hour	151.00	151.00
6.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar.	01.00	Cum	284.00	284.00
7.	3.34	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	01.00	Sqm	21.00	21.00
8.	4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
9.	1.1.1	Carriage of Materials by mechanical transport including loading, unloading and stacking :: 5 Km	01.00	Cum	165.00	165.00
10.	4.26	Providing and fixing Barricading at site of work for restricting the general public using 80-100 mm dia Wooden Ballies as vertical post with average spacing of 1.80 meter between two vertical posts, having height at least 1.5 m above road/ ground level and at least 30-45 cm below road/ ground level by making suitable size hole in road/ ground, providing and fixing two rows of 80-100 mm Wooden Ballies as horizontal	01.00	Mtr.	84.00	84.00

11.	9.3	members with jute russies. Both vertical and horizontal members shall be painted in red and white colour strips as per approved pattern as and when it becomes shabby but at least after every alternate shifting at new location. After shifting/ removal of barricading holes shall be filled up properly and site is to be cleared in all respect. (Note: measurement is to be done in linear basis) Providing and laying lean cement concrete 1:4:8 in Sub- base over aprepared sub-grade with coarse and	01.00	Cum	2300.00	2300.00
		fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, Cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and aintenance of diversion.				
12.	13.1.2	Brick masonry work in cement mortar with mechanical mixer with First class bricks (min. 10.5 Mpa) in foundation (at any level) complete as per drawing and technical specification and as per clause 1000 & 1300 of MoRT&H specification including all scaffolding material, labour, machinery but excluding pointing and plastering. In cement mortar 1:4 (1 cement : 4 coarse sand)	01.00	Cum	4310.00	4310.00
13.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded 20mm nominal size stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick	01.00	Sqm	292.00	292.00
14.	32.3.2	Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 20 mm cement plaster of mix: 1:4 (1 cement: 4 fine/ coarse sand)	01.00	Sqm	210.00	210.00
15.	21.8	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	01.00	Sqm	259.00	259.00
16.	26.8	30mm red sand stone sun-shade (chisel-dressed) supported on red sand stone brackets, fixed in walls with cement mortar 1:4 (1 cement : 4 coarse sand) including finishing complete.	01.00	Sqm	1060.00	1060.00
17.	21.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	01.00	Cum	4280.00	4280.00
18.	29.1	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	01.00	Kg	60.00	60.00
19.	13.24	Providing and laying TMT bar reinforcement at any level in foundation/ pile/ pile cap complete as per drawing and clause 1600 of MoRT&H Specification including all material, labour and machinery.	01.00	Tonne	51400.00	51400.00
20.	13.5.1	Providing, laying and compacting design mix plain/reinforced cement concrete of specified grade in foundation/leveling course/pile cap using batching plant, transit mixer and concrete pump and vibrater including cost of form work, complete as per drawing and technical specifications as per clause 1100, 1500,1700,2100 of MoRT&H specification including all material, labour, machinery, and maintenance of diversion. Grade M-20	01.00	Cum	4690.00	4690.00
21.	22.1.3	Centring and shuttering with plywood or steel sheet upto two stories or height upto 7.5 metre above plinth level including strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies	01.00	Sqm	287.00	287.00
22.	SOR 2017 17.19.	and access platform. Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP3 class (with s/s	01.00	Mtr	521.00	521.00

23. 24. 25. 26.	17.19. 17.19. 17.19. SOR 2017	ends) IS: 458 - 1988 (amended up to date) marked and pipes from 300 mm upto 2000 mm manufactured through vertical casting process all levels with Rubber gaskets (EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets lubricants) as per drawing, sectional hydro testing of the sewer pipe line (including cost and conveyance of water to site for testing) etc., complete as directed by Engineer. 200 mm internal diameter 250 mm internal diameter 350 mm internal diameter Providing granular bedding having width = outer dia of pipe (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching = 0.5Bc, with graded hard crusher broken stone of 100% passing through 20mm sheive, 20 to 50 % passing	01.00 01.00 01.00 01.00	Mtr Mtr Mtr Mtr	732.00 1010.00 1510.00 133.00	732.00 1010.00 1510.00 133.00
		through 10mm sheive and 100 % retain on 6.3mm sheive, laying in layers of thickness 10/15cm including ramming, consolidation etc complete for all type of pipes of following sizes as per drawing and or as directed by Engineer. 200 mm internal diameter.				
27.	17.28.4	250mm internal diameter	01.00	Mtr.	149.00	149.00
28.	17.28.5	300 mm internal diameter	01.00	Mtr.	170.00	170.00
29.	17.28	350 mm internal diameter	01.00	Mtr.	227.00	227.00
30.	17.28	400 mm internal diameter	01.00	Mtr.	257.00	257.00
31.	4.13	Earth filling with available surplus soil excavated from foundations and taken only from outside of building plinth in layers not exceeding 20cm in depth, consolidating each deposited layer including ramming and watering and consolidation with lead up to 50 m and lift upto 1.5 m.	01.00	Cum	98.00	98.00
32.	17.72.1	Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as directed by the Engineer. HD 20	01.00	Each	2400.00	2400.00
33.	17.34 17.34.1	Providing and constructing of SEWER-BRICK masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 230mm thick sewer brick masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- Excavation of earth work and road cutting for manhole will be measured and paid separately. Manhole "Type-A" of depth 0.90 m	01.00	Each	11500.00	11500.00
34.	17.34.2	Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with SEWER-BRICK masonary including 20mm plaster inside and outside as per drawing and direction of Engineer.	01.00	Mtr.	5800.00	5800.00
35.	17.35 17.35.1	Providing and constructing of SEWER-BRICK masonry circular manholes of "Type-B" with internal dia 1.20m and depth upto 2.50m having sewer brick masonry wall 230mm thick upto 1.5m, 345mm thick from 1.50m to 2.50m in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction	01.00	Each Manhole	22900.00	22900.00

				1	1	
		and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover				
		slab including reinforcement, PCC M20 for fixing the				
		manhole frame and cover using stone aggregate 20mm				
		nominal size, 20mm thick inside and outside plaster in				
		C. M. 1:3, inside plaster finished with floating coat of				
		neat cement, vata in CM1:1 around pipe entering and				
		leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of				
		SFRC foot steps of approved make at every 0.30m				
		height fixed in CM 1:3, supplying and fixing heavy				
		duty SFRC manhole frame and cover as per IS 12592				
		(Part I and II) having clear opening of 560mm,				
		including refilling of Jhiri, including curing, watering,				
		ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the				
		Engineer. Manhole "Type-B" of depth 1.70 m				
36.	17.35.2	Providing and constructing extra depth of manhole	01.00	Mtr.	10100.00	10100.00
		"Type-B" for depth beyond 1.70 m and upto 2.50 m				
		with SEWER-BRICK masonary including 20mm				
		plaster inside and outside as per drawing and direction of Engineer.				
37.	17.61.1	Construction of brick masonry cylindrical road	01.00	Each	4560.00	4560.00
	17.01.1	side inspection chamber of 450mm dia (internal)	01.00	Lacii	.500.00	1500.00
		with 230mm thick wall of brick masonry (75				
		class designation brick) in cement mortar 1:4 (1				
		cement: 4 coarse sand), wall 230mm thick,				
		filling of Jhiri, 20mm thick inside and outside				
		plastering with CM (1:3), inside plaster finished				
		with neat coat of cement, with 100 mm thick				
		PCC M10 in foundation, 75mm thick PCC M15				
		flooring, precast SFRC/RCC circular 450mm dia				
		MD manhole frame and cover embedded in				
		200mm thick PCC M20 grade concrete,				
		including providing and fixing 2 Nos 110mm				
		OD, 0.5m long uPVC pipe pieces of stiffness				
		class SN 8 as per IS 15328 and plugging the				
		same etc complete as per approved drawing				
		and/or directed by Engineer. BM Road side inspection chamber of 450mm depth				
38.	17.69	Raising circular manhole with circular cover	01.00	Each	445.00	445.00
50.	17.05	560mm dia and frame slab to required level	01.00	Lucii		1.0.00
		including dismantling existing slab, taking out				
		the existing CI frame & cover of manhole and				
		raising it upto ground/ road level, refixing of				
		frame and cover in M15 (1:2:4) concrete all				
		around the frame, including making good the				
		damage, form work, curing, complete as directed				
		by Engineer.				
39.	17.70	Raising precast circular manhole cover and	01.00	Each	1510.00	1510.00
		frame by taking out existing precast frame and				
		cover, providing and fixing precast SFRC				
		circular spacer of height 100/125/150mm, re-				
		fixing existing manhole cover frame and cover				
		with cement sand mortar (1:3), including making good the damage, complete as directed by				
		Engineer.				
40.	7.3.1	Providing, laying and spreading of granular sub-	01.00	Cum	984.00	984.00
10.	1.5.1	base by providing coarse graded Material (Table	01.00	Cuiii	707.00	707.00
		400-2), spreading in uniform layers with motor				
		grader on prepared surface, mixing BY MIX IN				
		PLACE METHOD with rotavator at OMC, and				
		compacting with vibratory roller to achieve the				
		desired density, complete as per MoRT&H				
		specification clause - 401 including all material,				
		labour, machinery, lighting, guarding and				
		maintenance of diversion. Grading I Material.				
41.	7.6	Providing laying, spreading and compacting	01.00	Cum	1320.00	1320.00
		stone aggregates of specific sizes as per Table				

including spreading in uniform thickness, hand packing, multing with power roller 8-10 tennes, in stages to proper grade and camber, applying and browning requisite type of severeing (Table 400-8) binding materials to fill up the intersities of coarse aggregates, watering (with water browser) and compacting to required density, making necessary canten brund in protect edges as per all material Labour, machinery, lighting, guarding and maintennes of diversion Complete. Crusher broken. Grade-11 (G3-15mm) 422 7-5.4 Providing language, spreading and compacting store aggregates of specific sizes as per l'able do0-7 to Water Bound Macadian specification including spreading in uniform thickness; hand packing, miling with power roller 8-10 tennes, in a stages to proper grade and camber, applying and brooming requisite type of Screening (Table 400-60-60). See the stage of			400-7 to Water Bound Macadam specification				
packing, rolling with power roller 8-10 tomes, in stages to proper grade and cambert, applying and hrooming requisite type of screening (Table 400-8) hinding materials to fill up the intersities of cuarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 400 of MoRT&H specification including all material labour, machinery, lighting, guarding all material labour, machinery, lighting, guarding here. Crosher broken. Crisheld (IG-45-tom) and packing rolling with power roller 8-10 tomes, in stages to proper grade and compacting to including specification including and material. Inhour, machinery, lighting, decessary earthen bund to protect edges as per clause 400 of MoRT&H specification including all material, labour, machinery, lighting, and compacting to required density, making necessary earthen bund to protect edges as per clause 400 of MoRT&H specification including all material, labour, machinery, lighting, and the property of the specific and area in the specification of the specific and area in the specification including all material labour, machinery in the specific and area in the specification of the specification of the specific and area in the specification of t							
brooming requisite type of screening (Table 400-8) binding materials to fill up the intersities of course aggregates, watering (with water browser) and compacting to required density, making necessary curthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting guarding and materianum of diversion Complete. Crusher of the control o							
8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRTAH specification including and material about machinery, lighting, guarding and material and of diversion Complete. Crusher broken - Grade 11(63 4 Smm) 42. 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadan specification including spreading and material so fill up the interstices of control aggregates of specific sizes as per Table 400-7 to Water Bound Macadan specification including spreading and brooming required and camber, applying and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices of course aggregates, watering (with water browser) and compacting to required density, making necessary centres bundle to protect edges as per clause 404 of MoRTAH specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53.22-4mm). 43. 12.1 Filling of Pot-bokes and patch repair with Bulk up aggregate upor from depth and excessation to provide from vertical frees, cleaning of surface, panining of task cont on the sides and base of excavation as per clause 50.5 back filling the pot holes with bot binimuous malerial as per clause 50.5 back filling the pot holes with bot binimuous malerial as per clause 50.5 back filling the pot holes with bot binimuous malerial as per clause 50.5 back filling the pot holes with bot binimuous malerial as per clause 50.5 back filling the pot holes of the control of							
course aggregates, watering (with water browser) and compacting to required density, making necessary carthen band to protect edges as per clause 404 of MoRT&H specification including all material, fabour, machinery, lighting, guarding and maintenance of diversion Complete, Crusher broken - Grade II (63-45mm) 42. 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power rollers 4:10 tonnes, in stages to proper grade and camber, applying and bronoming requisite type of screening (Table 400-8) binding materials to fill up the intersities of course aggregates, watering (with water browser) and compacting to required density, making all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of Pos holes and pack require with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upor Stam depth and errowal of all falled material, trimming of completed exerusition to provide firm vertical fines, cleaning of surface, ponting of task and the surface and surface and provide firm vertical fines, cleaning of surface, ponting of task and the surface and surface and provide firm vertical files, cleaning of surface, ponting of task and the surface to form a smooth continuous surface complete using Bitumen Vc-grade 30 as per clause 505, Gospital and antineusace of diversion. 444. 17.73.1 Surphiyas & Siring 500m talls SFRC mamboles frame complete in all respects as firred by the Engineer. III-20 455. 4.10.1.1 Early of the Siring 500m talls of SFRC mamboles frame complete in all respects as firred by the Engineer. III-20 466. 2.4.2 Dismanlings of changes and disposal of surphise executed material at lead upto 50m suriable site as per disection of Fagineer for following depths, helow natural ground / Koad top level. In all types south waterial and stacking the serviceab							
and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including and maintenlance of diversion Complete. Crusher broken - Grade-II (63-45mm) 42. 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including pregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22-4mm) 43. 12.1 Filling of Por holes and patch exercation to provide firm vertical faces, cleaning of surface, painting of task count on the sides and base of excavation as per clause 505, hack filling the port holes with hot binaminous material as per clause 906, compacting with 8-10 tonace power roller, trimming of completes decavation to provide firm vertical faces, cleaning of surface, painting of task count on the sides and base of exavation as per clause 505, hack filling the port holes with hot binaminous material are per clause 505, or pade 30 as per clause 505, composing with 8-10 tonace power roller, trimming of complete in clause 505, shade filling the provide strategy of the surface of the surface to the surface of the surface of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC membole cover as per 18: 1292-2002 in existing material, relitting after laying pipe foundation and disposal of surface, painting of task upper foundation and disposal of surface, painting of task upper foundation and supposal or surfa							
necessary earthen bund to protect edges as per clause 440 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. Complete, Crusher broken - Grade-II (63-45mm) 42. 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and bronoming requisite type of screening (Table 400-8) binding materials to fill up the intensices of coarse aggregates, watering (with water browser) and compacting to required density, making all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of Pot holes and pack frequist with Built up Spray Grout in two layers with 53-22.4mm size of aggregate up to Tsom depth and removal of all failed material, trimming of complete exervation to provide from vertical fines, scleaning of strake, ponting of tack coars on the sites and base of exervations to provide from vertical fines, scleaning of strake, ponting of tack coars on the sites and base of exervations as per clause and the search of the surface to form a smooth continuous sarface complete using Bitumen Vc-grade 30 as per clause 50, compacing with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous sarface complete using Bitumen Vc-grade 30 as per clause 50, compacing with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous sarface tongone using Bitumen Vc-grade 30 as per clause 50, 506 & 3004.2 of MoRT&H specification including and maintenance of diversion. 44. 17.73.1 Supplying & Fising 500m mile SFRC mamboles frame complete in all respect as directed by the Figineer. 19. 20.1 Earth work in exervation in foundation, trenches etc. including dressing of sides and cruming of bottoms, and the procure							
clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete. Crusher broken - Grade-III (63-45mm) 42. 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) shinding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 40-d of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22-4mm). 43. 12.1 Filling of Por-holes and patch repairs with 53-22-4mm size of support of the country of the seed of t							
all material, labour, machinery, lighting, guarding and maintenance of diversion Complete. Crusker broken - Grade-II (63-45mm) 422. 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening Grable 400-8, b) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary carthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusker broken - Grade-III (\$53-22.4mm). 43. 12.1 Filling of Pot-holes and patch repairs with Bulk up Spray Grout is two layes with \$52-24 mm. 44. 21.12 Filling of Pot-holes and patch repairs with Bulk up Spray Grout is two layes with \$52-24 mm is provided from vertical faces, cleaning of surface, painting of fack of the surface of aggregate upto 75mm depth and removal of all failed material, timming of complete exavaitor to provide from vertical faces, cleaning of surface, painting of fack of the surface of the surface of the surface of the surface of form a smooth continuous surface complete using Bitmens Vergand 30 as per clause 503, 50d & 50d. 2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of the surface of form a smooth continuous surface complete using Bitmens Vergand 30 as per fause 50d, compacting with 8-10 tonne power roller, trimming and flashing the surface to form a smooth continuous surface complete surface to form a septential surface to form a septential surface to form a surface to							
and maintenance of diversion Complete, Crusher broken Grade-III (3-45mm) 42 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness, hand packing, folling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) b) inding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken Grade-III (53-22.4mm). 433 12.1 Isling of Per holes and push repairs with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upon 75mm depth and removal of all failed material, trimming of completed excavation to provide firm writerial faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pet holes with bot biuminous material sep er clause 506, compacting with 8-10 tonne power order, trimming and finding the sarting of tack coat on the sides and base of excavation to provide firm writerial faces, cleaning for shorten and the same part of the same pa							
broken - Grade-III (63-45mm) 42. 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and browning requisite (type to Screening CTable 400-8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 400-4 of MoRI (Ral psecification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22-4mm). 43. 12.1 Filling of Por-holes and patch repairs with 50-12-4mm size of grade and compact of the stone and complete curvation to provide firm vertical faces, cleaning of surface, painting of make coat on the sides and base of excavation as per clauses 503, back filling the pot holes with hot bituminous material as per clauses 503, back filling the pot holes with hot bituminous material as per clauses 503, back filling the pot holes with hot bituminous material as per clauses 503 so and so a							
42. 7.5.4 Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404-0 MORT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (\$3-22.4mm). 43. 12.1 Filling of Per holes and path repairs with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upon 75mm depth and removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, pathing of tack coat on the sides and base of excavation as per clause 503, back filling the path holes with hot binminous material as per clause 506, compacting with 8-10 tonne power roller, trimming and finding the sarrice to Bittomer VG-grade 30 as per clause 505, 506 & 304-2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per 18: 1529-22002 in circulation including all material, labour, machinery, lighting, guarding and maintenance of diversion of language and maintenance of diversion of the ground of the stream of the stre							
stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400- 8) binding materials to fill up the interstices of course aggregates, watering (with water browser) and compacting to required density, making necessary carthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22-4mm). Filling of Por- holes and patter repairs with Built up Special county of the special county of t	42	754		01.00	Cum	1400.00	1400.00
400.7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthern band to protect edges as per clause 404 of MoRT&H specification including all material, albour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22 Amm). 43. 12.1 Filling of Pot- holes and patch repairs with Built up Spray Groun in two layers with 53-22-4mm size of aggregate upto 75mm depth and removal of all failed material, intaming of completed exervation to provide firm vertical faces, cleaning of surface, painting of face. 339, back filling the pot holes with not binumious material as per clause 505, compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Binumen Vicgrade 30 as per clause 503, 504, 8300.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 500mm dia SFRC manhole cover as per IS: 12592-2002 in existing maintenance of diversion. 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and mamming of bottoms, including getting out the excavated material, refilling after laying piper foundation and disposal of surplus including decessing of sides and mamming of bottoms, including getting out the excavated material, refilling after laying piper foundation and disposal of surplus under the layer provides of surplus and surface to found the disposal of surplus and surface to foundation, trenches etc. including dressing of sides and mamming of bottoms, including getting out the executation of Engineer for following depths, below natural ground / Road to		7.5.1		01.00	Cuin	1100.00	1100.00
including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary carthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crutsher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of For-holes and patch reputation of the complete Crutsher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of For-holes and patch reputation of the complete crutsher broken - Grade-III (53-22.4mm). 44. 12.73.1 Filling as per clause 500, compacting with 8-10 tone power roller, trimming of completed execution to provide firm vertical faces, cleaning of surface, painting of tack coart on the sides and base of executation as per clause 503, back filling the pot holes with hot bituminous material as per clause 500, compacting with 8-10 tone power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen We-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including and maintenance are provided to the complete in all respect as directed by the Engineer. 44. 17.73.1 Supplying & fixing 500mm dia SFRC manhole cover as per 18: 1259-2002 in existing manholes frame complete in all respect as directed by the Engineer. 45. 4.10.1.1 Earth work in excavation including interesting the complete in all respect as directed by the Engineer. 46. 2.4.2 Distanting of existing structures like culves with the supplies of the complete in all respect as directed by the Engineer. 47. 21.1.2 Providing and laying in position cement concrete, wood work, steed work, including TkPs and scaffolding wherever necessary, sorting the dismantider material, allows the position of the control of specified grade excluding							
packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices of course aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken— Grade—HIG 3-822.4mm) 43. 12.1 Filling of Pot-holes and patch repairs with Built up Spray Grout in two layers with 53-22.4mm size or aggregate upto 75mm depth and removal of all failed material, intrinsing of completed excavation to provide cout on the sides and base of excavation as per clause 503, back filling the pot holes with not bituminous material as per clause 505, compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen Vorg-gade 30 as per clause 505, 506, 83 500-2, of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing \$60mm dia \$FRC mathole cover as per 18: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HID-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and running of bottoms, including getting out the excavated material, refilling excavated material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by the Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All twork tupo politink level : 1.119£3 (I Cement: 1½ coarse sand: 3 gr							
brooming requisite type of screening (Table 400-8) 8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (33-22, 4mm). 43. 12.1 Filling of Pot- holes and puch repairs with Built up Spray Groot in two layers with 53-22-4mm size of agergate upto 75mm depth and removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade-30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & Ixing 500mm dia SFRC manhole cover as per 18: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HID-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including desising of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types solid saturated soll such as moroum, snd. sandy silt, clay. black cotton soli, kankar, etc. Depth upto 1.5 m and stacking structures like culverts, bridges, retaining walls, CC road and other structure comprising of massomy, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unservicea							
8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of Port. holes and patch repairs with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all falled material, trimming of completed excavation to provide firm vertical faces, detaining of surface, patinting of task cout on the sides and base of excavation as per clause 505, back filling the pot holes with hot hourimons material as per clause 506, compacting with 8-10 tome form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & Ising 560mm dia SIRC mathole cover as per IS: 1290-2002 in existing matholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dessing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types solfs sastrated soil such as moorum, sand. sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All Work upto p Initin			stages to proper grade and camber, applying and				
course aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of Pot- holes and patch repairs with Bult up Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all failed material, firming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, so compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen Westersion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per 15 : 12592-2002 in existing matholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying piper foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground /Road top level. In all types soli/s suturated soil such as morrum, and, saddy silt, clay. 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonny, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All ll work upto plinth level : 1:195.3 (1 Cement : 11% coarse sand :			brooming requisite type of screening (Table 400-				
and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of Pot- holes and path repairs with Bult up Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all failed material, trimming of completed excavation to provide firm vertical faces, Cleating of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tone power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per 1S : 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe / foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils' saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 15 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and saffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concret							
necessary earthen bund to protect edges as per clause 404 of MoRTAH specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of Pot- holes and patch repairs with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all failed material, timming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tone power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VC-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC mathole cover as per 18 : 12592-2002 in existing manholes frame UD-20 in a size of the surface o							
clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (33-22-4mm). 43. 12.1 Filling of Pot- holes and patch repairs with Built up Spray Grout in two layers with 53-22-4mm size of aggregate upto 75mm depth and remoul of all failed material, trimming of completed excavation to provide firm vertical faces, Cleating of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot brituminous material as per clause 503, back filling the pot holes with hot brituminous material as per clause 503, so de 3004-2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manthole cover as per 1S : 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy slit, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls. CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifes and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level : 1:19:53 (I Cement : 119c coarse sand : 3 graded stone aggregate 20 mm mominal size).							
all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of Pot holes and patch repairs with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of exeavation as per clause 503, back filling the pot holes with hot bituminous material as per clauses 505, compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per 18: 1:2592-2020 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dersing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road fop level. In all types sols/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying							
guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm). 43. 12.1 Filling of Pot- boles and patch repairs with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tome power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia STRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dessing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils' saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1.11½3 (1 Cement: 1½ coarses sand: 2							
Crusher broken - Grade-III (53-22-4mm).							
43. 12.1 Filling of Pot- holes and patch repairs with Built up Spray Grout in two layers with \$5.22.4mm size of aggregate upto 75mm depth and removal of all failed material, trimming of completed execavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of execuvation as per clause \$503, back filling the pot holes with hot bituminous material as per clause \$505, compacting with \$8.10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause \$503, \$506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17,73.1 Supplying & fixing \$50mm dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 1270.00 1							
Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 550mm dia SFRC manhole cover as per 1S: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m bridges, retaining walls, CC road and other structure comprising of masorny, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:11/2:3 (I Cement: 11/2 coarse sand : 3 graded stone aggregate 20 mm nominal size).	43.	12.1		01.00	Sam	238.00	238.00
material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tome power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per 1S: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m structures with the structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand : 3 graded stone aggregate 20 mm mominal size).				01.00	~ 1		
firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tome power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, knakar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level : 1:1½:3 (1 Cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).							
coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tome power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HID-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:11/2;3 (1 Cement: 11/2 coarse sand: 3 graded stone aggregate 20 mm nominal size).							
S03, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:11/2;3 (1 Cement: 11/2 coarse sand: 3 graded stone aggregate 20 mm nominal size).							
material as per clause 506, compacting with 8-10 tone power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per 15: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).							
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Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. 44. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per IS : 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe' foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level : 1:1½:23 (I Cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).							
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labour, machinery, lighting, guarding and maintenance of diversion. 17.73.1 Supplying & fixing 560mm dia SFRC manhole cover as per 1S: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. 1270.00 1270.00 1270.00							
44. 17.73.1 Supplying & fixing \$60mm dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).							
as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1.11½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).			of diversion.				
complete in all respect as directed by the Engineer. HD-20 45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:2 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).	44.	17.73.1		01.00	Each	1270.00	1270.00
45. 4.10.1.1 Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:23 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).							
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after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 46. 2.4.2 Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).			including dressing of sides and ramming of bottoms,				
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concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).							
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Engineer. 47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).			with all lifts and lead of 50 metres as directed by				
47. 21.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).							
of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size).	47.	21.1.2		01.00	Cum	4700.00	4700.00
and shuttering - All work upto plinth level : 1:1½:3 (1 Cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).							
1:1½:3 (1 Cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).			and shuttering - All work upto plinth level :				
			1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
48. Steel work welded in built up sections/ framed 01.00 Kg. 87.50 87.50	40			04.77		0=	0=
	48.	.26	Steel work welded in built up sections/ framed	01.00	Kg.	87.50	87.50

	29.26.2	work including cutting, hoisting, fixing in				
		position and applying a priming coat of approved				
		steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder,				
		railings, brackets, gates and similar works.				
49.	12.6.1	Providing and fixing of reinforced Ferro-Cement	01.00	Sqm	1550.00	1550.00
		drain covers designed for 'AA' class loading duly				
		marked on cover with adequate steel				
		reinforcement having thickness 75mm to 150mm				
		anti corrosive bitumen painted M.S. plate, Rim				
		and M.S. lifting hooks, Admixtures like				
		plasticizer, bond improving compound,				
		shrinkage, resistance compound, abrasion				
		resistant complete as per approved design etc.				
		Standard Size 600x800mm (75mm thick) for				
		span 300 to 450mm				
50.	12.6.2	Standard Size 1000x800mm (100mm thick) for	01.00	Sqm	2560.00	2560.00
		span 451 to 700mm				
51.	12.6.3	Standard Size 1500x600mm (125mm thick) for	01.00	Sqm	2910.00	2910.00
		span 701 to 1200mm				
52.	19.1.2	Providing, lowering, laying in trenches, aligning,	01.0	Mtr.	273.00	273.00
		fixing in position and jointing socketed rubber gasket				
		type ISI marked uPVC pipes of Class III (6 Kg/sqcm) suitable for potable water with rubber ring joints (as				
		per IS 4985-2000) of following outer dia with all				
		accessories (excluding specials) complete including all				
		material, labour, hydraulic testing and commissioning				
		as per TechnicalSpecifications and as per direction of				
		Engineer. 110 mm dia.		ļ		
53.	17.25.2	Providing at site, lowering & laying in trenches,	01.00	Mtr.	510.00	510.00
		aligning & jointing of PVC-U pipes (SN 8) as				
		per IS 15328 (amended up to date) and as per				
		specifications with rubber rings with socket and				
		spigot joint, (EPDM/SBR) for all depths for pipe				
		length as per drawing and specification including				
		hydraulic field testing (including the cost and				
		conveyance of water to site for testing) and				
		commissioning etc complete as directed by				
54.	D. 6	Engineer. 160 mm Nominal Dia	02.00		11411 00	11411.00
54.	B-6	Supplying & fixing stone lintels/Bed Plates of	03.00	Cum	11411.00	11411.00
	6.17.1	approved quarry rough dressed in cement mortar				
<u> </u>		1:4 up to 15 cm thick.		1		164805.00
		Up to Rs. 20.00 Lacs				104003.00
l	Cp to Rs. 20.00 Lacs					

I/We Tendering above work @	above/below "G" Schedule.
Signature of Tendering Contractor	



Name of Work :- बीकानेर नगर निगम के जोन नं० ०४ में विभिन्न स्थानों पर सीवर लाईन, ढक्कन, चैम्बर मरम्मत, लाईन मरम्मत, नाली / क्रोस मरम्मत का कार्य। ऐ०आर०सी० कार्य।

Name of Contractor:-

Date of Sales: 13.12.2021 to 22.12.2021	Date of Opening: 23.12.2021	
Tender Cost Rs 2000000/-	Earnest Money Rs. Stamp	Tender Fess :1000/-
Earnest Money Cheque Draft No.:	Date :	
Earnest Money M.C.B. Receipt No.:	Date :	
Earnest Fees M.C.B. Receipt No.:	Date :	

S.	Item Code	Item	Qty.	Unit	Rate	Amount
No. 1.	Code SOR 2017 17.1.1.1	Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), rehandling of material/earth to complete the task. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar,	01.00	Cum	197.00	197.00
2.	17.1.1.2	etc. Depth up to 1.5 m depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1	01.00	Cum	211.00	211.00
3.	17.1.1.3	depth of excavation above 3.0 m and upto 4.5 m over item no 17.1.1.1	01.00	Cum	228.50	228.50
4.	17.1.1.4	depth of excavation above 4.5 m and upto 6.0 m over item no 17.1.1.1	01.00	Cum	252.00	252.00
5.	BSR 1.27.1&1.2 7.2/ B-7	Pumping out water caused by springs, tidal or river seepage, broken water main or drains and the like with pumping set of following H.P. including P.O.L./ Power consumption etc. complete. 5 to 9 H.P	01.00	Hour	151.00	151.00
6.	2.4.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. Lime Concrete, cement concrete grade M-10 (1:5:10) and below.	01.00	Cum	264.00	264.00
7.	SOR 2017 3.1.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge. In cement Mortar.	01.00	Cum	284.00	284.00
8.	3.34	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	01.00	Sqm	21.00	21.00
9.	4.23	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	01.00	Cum	237.00	237.00
10.	1.1.1	Carriage of Materials by mechanical transport including loading, unloading and stacking :: 5 Km	01.00	Cum	165.00	165.00
11.	4.26	Providing and fixing Barricading at site of work for restricting the general public using 80-100 mm dia Wooden Ballies as vertical post with average spacing	01.00	Mtr.	84.00	84.00

	•				1	
		of 1.80 meter between two vertical posts, having height				
		at least 1.5 m above road/ ground level and at least 30- 45 cm below road/ ground level by making suitable				
		size hole in road/ ground, providing and fixing two				
		rows of 80-100 mm Wooden Ballies as horizontal				
		members with jute russies. Both vertical and horizontal				
		members shall be painted in red and white colour strips				
		as per approved pattern as and when it becomes shabby				
		but at least after every alternate shifting at new location. After shifting/ removal of barricading holes				
		shall be filled up properly and site is to be cleared in all				
		respect. (Note: measurement is to be done in linear				
		basis)				
12.	21.1.7	Providing and laying in position cement concrete of	01.00	Cum	3360.00	3360.00
		specified grade excluding the cost of centring and				
		shuttering - All work upto plinth level : 1:4:8 (1 Cement : 4 fine/ coarse sand : 8 graded stone aggregate				
		40 mm nominal size)				
13.	13.1.2	Brick masonry work in cement mortar with mechanical	01.00	Cum	4310.00	4310.00
		mixer with First class bricks (min. 10.5 Mpa) in				
		foundation (at any level) complete as per drawing and				
		technical specification and as per clause 1000 & 1300				
		of MoRT&H specification including all scaffolding material, labour, machinery but excluding pointing and				
		plastering. In cement mortar 1:4 (1 cement : 4 coarse				
		sand)				
14.	30.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse	01.00	Sqm	292.00	292.00
		sand: 4 graded 20mm nominal size stone aggregate)				
		finished with a floating coat of neat cement including				
		cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick				
15.	32.3.2	Cement plastering including T&P, scaffolding,	01.00	Sqm	210.00	210.00
10.	32.3.2	material and complete labpour, including cost of water,	01.00	Sqiii	210.00	210.00
		curing, racking of joints etc. with 20 mm cement				
		plaster of mix : 1:4 (1 cement : 4 fine/ coarse sand)				
16.	21.8	Providing and laying damp-proof course 40mm thick	01.00	Sqm	259.00	259.00
		with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).				
17.	26.8	30mm red sand stone sun-shade (chisel-dressed)	01.00	Sqm	1060.00	1060.00
17.	20.0	supported on red sand stone brackets, fixed in walls	01.00	Sqiii	1000.00	1000.00
		with cement mortar 1:4 (1 cement : 4 coarse sand)				
		including finishing complete.		-	1200.00	4.00.00
18.	21.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and	01.00	Cum	4280.00	4280.00
		shuttering - All work upto plinth level : 1:2:4 (1				
		cement : 2 coarse sand : 4 graded stone aggregate 20				
		mm nominal size)				
19.	29.1	Structural steel work in single section fixed with or	01.00	Kg	60.00	60.00
		without connecting plate including cutting, hoisting,				
		fixing in position and applying a priming coat of				
20.	13.24	approved steel primer all complete. Providing and laying TMT bar reinforcement at any	01.00	Tonne	51400.00	51400.00
20.	13.27	level in foundation/ pile/ pile cap complete as per	01.00	Tomic	51400.00	21400.00
		drawing and clause 1600 of MoRT&H Specification				
		including all material, labour and machinery.				
21.	13.5.1	Providing, laying and compacting design mix plain/	01.00	Cum	4690.00	4690.00
		reinforced cement concrete of specified grade in foundation/ leveling course/ pile cap using batching				
		plant, transit mixer and concrete pump and vibrater				
		including cost of form work, complete as per drawing				
		and technical specifications as per clause 1100,				
		1500,1700,2100 of MoRT&H specification including				
		all material, labour, machinery, and maintenance of				
22.	22.1.3	diversion. Grade M-20 Centring and shuttering with plywood or steel sheet	01.00	Sqm	287.00	287.00
	22.1.3	upto two stories or height upto 7.5 metre above plinth	01.00	Sqiii	207.00	207.00
		level including strutting, propping etc. and removal of				
		form for : Suspended floors, roofs, landings, balconies				
	22	and access platform.				
23.	SOR 2017	Providing at site, lowering & laying in trenches,	01.00	Mtr	521.00	521.00
	17.19.	aligning & jointing of RCC pipes NP3 class (with s/s ends) IS: 458 - 1988 (amended up to date) marked and				
		pipes from 300 mm upto 2000 mm manufactured				
		through vertical casting process all levels with Rubber				
		gaskets (EPDM/SBR) for sewer lines as per IS: 5382				

24. 25. 26. 27.	17.19. 17.19. 17.19. SOR 2017	(including cost of Rubber gaskets lubricants) as per drawing, sectional hydro testing of the sewer pipe line (including cost and conveyance of water to site for testing) etc., complete as directed by Engineer. 200 mm internal diameter 250 mm internal diameter 300 mm internal diameter Providing granular bedding having width = outer dia of pipe (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching = 0.5Bc, with graded hard crusher broken stone of 100% passing through 20mm sheive, 20 to 50 % passing through 10mm sheive and 100 % retain on 6.3mm sheive, laying in	01.00 01.00 01.00 01.00	Mtr Mtr Mtr Mtr	732.00 1010.00 1510.00 133.00	732.00 1010.00 1510.00 133.00
28.	17.28.4	layers of thickness 10/15cm including ramming, consolidation etc complete for all type of pipes of following sizes as per drawing and or as directed by Engineer. 200 mm internal diameter. 250mm internal diameter	01.00	Ma	149.00	149.00
			01.00	Mtr.		
29. 30.	17.28.5 17.28	300 mm internal diameter 350 mm internal diameter	01.00	Mtr.	170.00	170.00
31.	17.28	400 mm internal diameter	01.00	Mtr. Mtr.	227.00 257.00	227.00 257.00
32.	4.13	Earth filling with available surplus soil excavated from foundations and taken only from outside of building plinth in layers not exceeding 20cm in depth, consolidating each deposited layer including ramming and watering and consolidation with lead up to 50 m and lift upto 1.5 m.	01.00 01.00	Cum	98.00	98.00
33.	17.72.1	Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as directed by the Engineer. HD 20	01.00	Each	2400.00	2400.00
34.	17.34 17.34.1	Providing and constructing of SEWER-BRICK masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 230mm thick sewer brick masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- Excavation of earth work and road cutting for manhole will be measured and paid separately. Manhole "Type-A" of depth 0.90 m	01.00	Each Mtr.	11500.00 5800.00	5800.00
33.	17.34.2	"Type-A" for depth beyond 0.90 m and upto 1.65 m with SEWER-BRICK masonary including 20mm plaster inside and outside as per drawing and direction of Engineer.	01.00	Mu.	3800.00	3800.00
36.	17.35 17.35.1	Providing and constructing of SEWER-BRICK masonry circular manholes of "Type-B" with internal dia 1.20m and depth upto 2.50m having sewer brick masonry wall 230mm thick upto 1.5m, 345mm thick from 1.50m to 2.50m in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm	01.00	Each Manhole	22900.00	22900.00

		nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Manhole "Type-B" of depth 1.70 m				
37.	17.35.2	Providing and constructing extra depth of manhole "Type-B" for depth beyond 1.70 m and upto 2.50 m with SEWER-BRICK masonary including 20mm plaster inside and outside as per drawing and direction of Engineer.	01.00	Mtr.	10100.00	10100.00
38.	17.27.2	Providing, lowering, laying, aligning, fixing in position and jointing at all level/ depths full round HDPE DWC (double wall corrugated) pipes of SN8 grade as per IS 16098 (Part 2) amended upto date in trenches in complete including all material, labour, sectional hydro testing (including the cost and conveyance of water to site for testing) and commissioning as per Technical Specifications, drawings and as per direction of Engineer. 200 mm ID	01.00	Mtr.	577.00	577.00
39.		250 mm ID	01.00	Mtr.	968.00	968.00
40.	17.27.4	300 mm ID	01.00	Mtr.	1410.00	1410.00
42.	17.61.1	Construction of brick masonry cylindrical road side inspection chamber of 450mm dia (internal) with 230mm thick wall of brick masonry (75 class designation brick) in cement mortar 1:4 (1 cement: 4 coarse sand), wall 230mm thick, filling of Jhiri, 20mm thick inside and outside plastering with CM (1:3), inside plaster finished with neat coat of cement, with 100 mm thick PCC M10 in foundation, 75mm thick PCC M15 flooring, precast SFRC/RCC circular 450mm dia MD manhole frame and cover embedded in 200mm thick PCC M20 grade concrete, including providing and fixing 2 Nos 110mm OD, 0.5m long uPVC pipe pieces of stiffness class SN 8 as per IS 15328 and plugging the same etc complete as per approved drawing and/or directed by Engineer. BM Road side inspection chamber of 450mm depth	01.00	Each	4560.00	445.00
72.	17.07	560mm dia and frame slab to required level including dismantling existing slab, taking out the existing CI frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer.		Each		775.00
43.	17.70	Raising precast circular manhole cover and frame by taking out existing precast frame and cover, providing and fixing precast SFRC circular spacer of height 100/125/150mm, refixing existing manhole cover frame and cover with cement sand mortar (1:3), including making good the damage, complete as directed by Engineer.	01.00	Each	1510.00	1510.00
44.	7.3.1	Providing, laying and spreading of granular sub- base by providing coarse graded Material (Table 400-2), spreading in uniform layers with motor grader on prepared surface, mixing BY MIX IN PLACE METHOD with rotavator at OMC, and compacting with vibratory roller to achieve the	01.00	Cum	984.00	984.00

		desired density, complete as per MoRT&H specification clause - 401 including all material, labour, machinery, lighting, guarding and maintenance of diversion. Grading I Material.				
45.	7.6	Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material,labour, machinery, lighting, guarding and maintenance of diversion Complete. Crusher broken - Grade-II (63-45mm)	01.00	Cum	1320.00	1320.00
46.	7.5.4	Providing laying, spreading and compacting stone aggregates of specific sizes as per Table 400-7 to Water Bound Macadam specification including spreading in uniform thickness; hand packing, rolling with power roller 8-10 tonnes, in stages to proper grade and camber, applying and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices of coarse aggregates, watering (with water browser) and compacting to required density, making necessary earthen bund to protect edges as per clause 404 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion Complete Crusher broken - Grade-III (53-22.4mm).	01.00	Cum	1400.00	1400.00
47.	12.1	Filling of Pot- holes and patch repairs with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	01.00	Sqm	238.00	238.00
48.	17.73.1	Supplying & fixing 560mm dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer. HD-20	01.00	Each	1270.00	1270.00
49.	4.10.1.1	Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m	01.00	Cum	164.00	164.00
50.	2.4.2	Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer.	01.00	Cum	427.00	427.00

51.	21.1.2	Providing and laying in position cement concrete	01.00	Cum	4700.00	4700.00
		of specified grade excluding the cost of centring				
		and shuttering - All work upto plinth level:				
		1:1½:3 (1 Cement : 1½ coarse sand : 3 graded				
50	2.5	stone aggregate 20 mm nominal size).	01.00	77	07.50	07.50
52.	.26	Steel work welded in built up sections/ framed	01.00	Kg.	87.50	87.50
	29.26.2	work including cutting, hoisting, fixing in				
		position and applying a priming coat of approved steel primer using structural steel etc. as				
		required. In gratings, frames, guard bar, ladder,				
		railings, brackets, gates and similar works.				
53.	12.6.1	Providing and fixing of reinforced Ferro-Cement	01.00	Sqm	1550.00	1550.00
		drain covers designed for 'AA' class loading duly		7.1		
		marked on cover with adequate steel				
		reinforcement having thickness 75mm to 150mm				
		anti corrosive bitumen painted M.S. plate, Rim				
		and M.S. lifting hooks, Admixtures like				
		plasticizer, bond improving compound,				
		shrinkage, resistance compound, abrasion				
		resistant complete as per approved design etc.				
		Standard Size 600x800mm (75mm thick) for				
		span 300 to 450mm		1 2		
54.	12.6.2	Standard Size 1000x800mm (100mm thick) for	01.00	Sqm	2560.00	2560.00
	12.62	span 451 to 700mm	01.00		2010.00	2010.00
55.	12.6.3	Standard Size 1500x600mm (125mm thick) for	01.00	Sqm	2910.00	2910.00
		span 701 to 1200mm total				15(000.00
Up to Rs. 15.00 Lacs					156890.00	

I/We Tendering above work @	above/below "G" Schedule.
Signature of Tendering Contractor	