

OFFICE OF THE (ELECT.) MUNICIPAL CORP. KOTA NORTH

G/H- SCHEDULE

Estimate : NO. 25/23-24

Amount : 48.00 Lakhs.

Earnest money : 96000/-

Tender cost : 2500/-

Name of work:- ARC Of Water Cooler Installation In Nagar Nigam Kota North under MLALAD.

Name & Address of Tenderer.....

S.No.	Particulars	Qty.	RATE	Unit	Amount
	Part-A (BSR 2013 PWD)				
1	Earth Work in excavation in foundation trenches or drains including dressing of sides and ramming of bottoms, lift up to 1.5 mtr. including taking out the excavated soil and depositing and refilling of jhiri with watering and ramming and disposal of surplus excavated soil as directed within a lead of 50mtr. All kinds of soil	75.00	152.00	P.Cum	11400.00
2	Providing and laying in position cement including curing compaction etc. complete in specified grade excluding the cost of centering and shuttering – All work upto plinth level. 1 : 4 : 8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	50.00	2497.00	P.Cum	124850.00
3	Brick masonry in foundation and plinth with bricks of class designation 75 in : Cement mortar 1 : 6 (1 cement : 6 coarse sand).	30.00	2692.00	P.Cum	80760.00
4	P/F steel gate granting and grills made of angles tees, square bars or other flats black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide.	5000.00	78.00	P.Kg	390000.00
5	Providing and fixing welded mesh / expanded metal mesh in frame work, flat iron beading 20 x 3 mm including top cross laps inside and out sides welding, iron bolts, screws, clips etc. complete (excluding frame work) of size. Welded mesh 25 x 25 mm x 16 gauge.	600.00	538.00	P.Sqm	322800.00
6	Plaster on new surface of walls in cement sand mortar 1 : 4 including racking of Joints etc. complete finished. 20mm thick.	250.00	120.00	P.Sqm	30000.00
7	Providing and laying in position cement concrete including curing compaction etc. complete in specified grade excluding the cost of centering and shuttering – All work upto plinth level. 1 : 1.5 : 3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).	20.00	3711.00	P.Cum	74220.00

8	Finishing wall with water proofing cement paint of approved brand and manufacture and or required shade to give an even shade including all scaffolding New work (Three or more coats)	250.00	33.00	P.Sqm	8250.00
9	Providing & fixing PVC storage tank conforming to IS: (12701 marked I indicating the BIS license No) of approved making with cover, 25 mm dia 1 M long G.I. over- flow pipe & 25 Cm. Long wash out pipe with plug & socket, including making connection etc. complete of approved design.				
	500 ltr capacity.	40.00	3575.00	Each	143000.00
	1000 litres Capacity.	2.00	6750.00	Each	13500.00
10	Providing & fixing G.I. pipes (External Work) with G.I. fitting (IS:1239 Mark) including trenching & refilling earth etc. (B Class)	100.00	173.00	P.Mtr.	17300.00
11	Galvanized Iron (G.I) Corrugated Sheets IS-277-2003 Vith Revision. 0.63 mm thick (24 SWG) Weight 5.94 Kg/Sqm	150.00	330.00	P.Sqm	49500.00
12	C.P Pillar Cock IS 1795-1982 lind Revision	100.00	392.00	Each	39200.00
13	providing and fixing polypropylene random copolymer ball valve made from PPR type 3 Rew Material certified by Bodycote with UV stabilized external layer in similar color & approved by WRAS for it & portability & including complete etc. Ball valve 20mm	150.00	283.00	Each	42450.00
14	Providing and fixing Ball cock (IS : 1703 Mark) with rod & P.V.C Ball complete Brass Wt. 400gm 15mm	100.00	468.00	Each	46800.00
15	PPR type-3 PIPE (hot and cold water) IS-15801-2008 20mm OD	1500.00	55.00	per meter	82500.00
16	PPR type-3 PIPE Fittings -				
a.	Bend 90° 20mm dia	500.00	19.8	Each	9900.00
b.	equal tee 20mm dia	400.00	6.05	Each	2420.00
c.	Union 20mm dia	200.00	72.05	Each	14410.00
d.	elbow 90° 20mm dia	200.00	7.48	Each	1496.00
e.	Coupler 20mm dia	200.00	5.78	Each	1156.00
17	Making connection of G.I. distribution branch with G.I. main including all fittings.				
a)	Upto 25 mm dia.	30.00	258.00	each	7740.00
18	Providing & Fixing 15 mm dia Connection Pipe of approved quality/make. PVC Pipe with C.P. Brass nuts upto length 600 mm.	30.00	103.00	Each	3090.00
19	Supply of PVC hose Pipe of different sizes at store including tranportation etc. Complite. 38 mm dia.	200.00	113.00	R. mtr.	22600.00
20	P.V.C. Sheets (Approved Quality Make) (ISA 12866) (1983) - 2-0 mm thick	50.00	560.00	Sqm	28000.00
				Total Part A	1567342.00


Part-B (BSR 2013 PWD - E)					
1	Providing and fixing 240/415v AC MCB with positive isolation of breaking capacity not less than 10 KA (B/C/D tripping characteristics) ISI marked IS 8828 (1996) confirming to IEC 60898 in existing boards/sheets including mating mating connections with lugs testing etc. as required.				
	(a) 6A to 32 Amp. Double pole (group I)	50.00	401.00	Each	20050.00
2	Providing and Laying XLPE/PVC Insulated and PVC sheathed cable of 1.1 KV grade with aluminum conductor of IS : 1554 P.I./IS:7098 P-I of group 1 of approved make in ground as per IS:1255 including excavation of 30cm x 75cm size trench 25 cm thick under layer of sand II class bricks covering refilling earth, compaction of earth, making necessary connections, testing etc. as required of size				
	06.00 sqmm x 2 core unarmoured	2000.00	93.00	P.Mtr.	186000.00
3	Supply and fixing of power plug point accessories on 18 SWG metal box of size 175x100x60mm on surface or in recessed with suitable size phenolic laminated sheet cover including cost of 6 pin 16 amp. Switch and socket outlet, making connection testing etc as required G-1.	60.00	235.00	Each	14100.00
4	Supply and laying following size earth Wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering saddles, making connection etc. as requires. 8 S.W.G, G.I (Hot dipped) Wire.	300.00	9.00	P.Mtr	2700.00
5	Wiring of 3 pin 5 amp. light plug point with 1.5sqmm sq.mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kv grade and 1.5 sqmm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kv grade (IS: 694) of approved make on surface ISI marked (IS:14927 P-III) PVC conduit & it's accessories, 18 SWG 175mmX100mmX60mm MS box with earth terminal score less cage connectors for neutral looping in switch board 6A switch 6A socket 3.0 mm thick ISI marked phenolic laminated sheet zinc plated/brass screws cup washers, making connections testing etc. as required. (G-1)				
	short point (up to 3 mtr)	100.00	330.00	Each	33000.00
6	P & F ISI marled (IS : 3854) 6 amp. flush type switch including cutting hole in tile and making connection testing etc. as required.(G.1)	100.00	19.00	Each	1900.00

7	P & F energy efficient/energy saving direct fit (Retrofit) composite self ballasted compact flouorscent lamp (CFL) with PF>0.85 in existing holder/fixture as required. (G.1) 18/20watt	30.00	236.00	Each	7080.00
8	Pipe Earthing as per IS:3043 with perforated 3.0 meter long,40mm dia . 'B' class GI pipe including all accessories like nut bolt , reducer , nipple , wire meshed funnel , and C.C finished chamber covered with hinged type with locking arrangement CI cover , CI frame off size 300mm x300mm and embodying the pipe complete with alternate layers salt and cock /charcoal , testing of earth resistance as required .	30.00	1650.00	Each	49500.00
9	SITC of ISI mark (IS:8472) self priming monoblock pump set of approved make , TEFC permanent split capacitor type (PSC) ,fitted with thermal overload protection mechanical seal , 1440/1500 RPM , single phase (180 to 240v) including cost of hardware etc. on existing platform complete, pump shall have following HP rating , phase , head, minimum discharge respectively.				
	0.5 Hp 1 Phase, (6-28) Mtr (52-12) LPM	20.00	2971.00	Each	59420.00
10	SICT of self contained driking water cooler with energy efficient hermetic sealed type compressor, non CFC refrigerant suitable for operation on 230V/1PH/50Hz ac supply, full stainless steel (S304) body and tank, stainless steel water tray, minimum two Nos faucets and Suitable drainage system complete in all respect with 300mm height MS Fabricated and painted Platform. Complete in all respect of the following capacity. (MAKE:-VOLTAS,)				
	(a) Cooling Capacity 150 Ltr./ Hr. and storage capacity 150 Ltrs.	40.00	59700.00	Each	2388000.00
11	SICT of RO water system with filtration stage = Particulate Filter-Membrane Life enhancer Filter-Sediment filter- Pre carbon Filter- RO Membrane Filter- Post Carbon Filter, Input power Rating- 23 V- AC, 50Hz, Percentage of Rejection TDS- 90 % or Better Having following Features (a) Double Purification by RO with ESS or Latest technology with TDS indicator. (b)Spin Welded Ro Membrane Housing to Prevent tempering. (c) push fit components for Leak Proof performance (d) fully Automatic operation with auto start and auto Off. (e) SS/ABS Construction for corrosion free Lifespan. (f)Equally suitable for water from all bore wells, overhead storage tanks, water tankers and even municipal taps. (g)RO Membrane Flushing- Auto Flush @ Every start, Every stop and every one hour of working for one minute. Complete in all respect with following capacity.				

a.	Purification Capacity- 50 LPH, Duty Cycle 270-500 Ltrs./Day	2.00	56600.00	Each	113200.00
b.	Purification Capacity- 25 LPH, Duty Cycle 170-250 Ltrs./Day	5.00	31950.00	Each	159750.00
		Total Part B			3034700.00
		Total Part (A+B)			4602042.00
<p>Terms & Conditions – Enclosed - 1 I/We here by Execute the above work. (i)% (above/below) in figures. (ii)% (above/below) in words.</p> <p>Signature of Tenderer </p>					
1	Part – C (NON B.S.R. ITEMS)				
	Providing and fixing name plate board on GI sheet size 2'x3' including painting, writing, work name and details complete in all respect as per direction	40.00		Each	
2	Providing and Installation of water sensor, Water level Controller complete in all respect with testing in all respect.	20.00		Each	
3	Providing and Installation of water purifier (Aqua guard) in 3-stage purification – system and electronic monitoring – system with high flow rate of 3- liter per minute including A-built in voltage stabilizer complete in all respect with testing etc,	10.00		Each	
4	Providing and fixing 3 leaver lock. make Jonshan	40.00		Each	
		Total Part C			
		G.T (Part A + B + C)			

Terms & Conditions - Enclosed-

Signature of Tenderer
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Executive Engineer
Nagar Nigam Kota North

शर्तः-

1. सशर्त निविदाएं मान्य नहीं होंगी।
 2. कार्य स्वीकृति पश्चात् 5 प्रतिशत एस.डी. 7 दिवस में जमा करानी होगी, तथा एग्जीमेन्ट करवाना होगा।
 3. तकनीकी बिड में सभी वांछित दस्तावेज संलग्न किये जावें, तथा वित्तीय बिड में अपनी दरें दी जावें। तकनीकी बिड में सफल संवेदकों की ही वित्तीय बिड खोली जावेगी।
 4. वाटर कूलर/टैंक/एक्वागार्ड/वाटर सेंसर/केबल आदि के चालान/बिल/टेस्ट सर्टिफिकेट की फोटो प्रतियां भुगतान से पूर्व प्रस्तुत करनी होंगी।
 5. पार्ट-ए व बी की दरें, स्पेशीफिकेशन आदि PWD. BSR 2013 व PWD. BSR 2013-E के अनुसार रहेगी तथा दरें सभी आइटम्स में एक समान Above/ Below दी जावें, तथा पार्ट -सी में अपनी दरें देवें।
 6. कार्य करते समय अगर केई0डी0एल0/ज0 वि0 वि0 नि0 लि0 की लाईन बंद कराने की आवश्यकता है, तो स्वयं संवेदक द्वारा केई0डी0एल0/ज0 वि0 वि0 नि0 लि0 में संपर्क कर लाइन बंद करवानी होगी।
 7. कार्य निगम विद्युत इंचार्ज/कनि0 अमि0/अधिकारियों के निर्देशों के अनुसार करना होगा, तथा कार्य निर्देशित अवधि में पूर्ण कराना होगा। कार्य की समय अवधि कार्यादेश तिथि से 1 वर्ष/आगामी आदेशों तक रहेगी।
 8. दरें सभी टेक्स सहित दी जावें अगर कोई टेक्स लगता है तो संवेदक को स्वयं अपने स्तर पर जमा कराना होगा।
 9. कार्य के दौरान कोई भी चोरी चकारी, टूट फूट, दुर्घटना आदि की जिम्मेदारी संवेदक की होगी।
 10. निविदा दर BSR से कम होने पर अन्तर राशि की बैंक गारंटी/DD विभाग में टेण्डर स्वीकृत होने के 7 दिवस के अन्दर-2 जमा करानी होगी, अन्यथा धरोहर राशि जब्त की जाकर निविदा निरस्त करदी जावेगी।
 11. जहां भी कार्य किया जावे कार्य से पूर्व तथा कार्य पश्चात् का एक एक फोटो प्रस्तुत करना होगा। इसके अभाव में संवेदक का भुगतान नहीं किया जावेगा।
 12. निविदादाता को निम्न योग्यता धारक होना आवश्यक है।
(अ) संवेदक का किसी भी सरकारी अथवा अर्द्ध सरकारी विभागों में E-1/ EWSD-1 श्रेणी में पंजीकृत होना अनिवार्य है।
(ब) संवेदक/फर्म को किसी भी सरकारी/ अर्द्धसरकारी विभागों में BOQ में उल्लेखित वाटर कूलर की संख्या का 25% संख्या के बराबर वाटर कूलर लगाने का अनुभव होना आवश्यक है। (कार्यादेश एवं अनुभव प्रमाण पत्र संलग्न करें अन्यथा तकनीकी बिड निरस्त कर दी जावेगी)
- अथवा
- निविदादाता का वाटर कूलर्स का मूल उपकरण निर्माता/अधिकृत विक्रेता (Authorize dealer) होना आवश्यक है। (संबंधित दस्तावेज संलग्न करें।)
13. उक्त कार्यों में वाणिज्यिक आइटम एक दूसरे से जुड़े हुये हैं अतः इन्हें अलग-अलग संवेदक से संपादित नहीं करवाया जा सकता है अतः कार्य की प्रकृति को देखते हुये संपूर्ण कार्य में जिसकी दरें न्यूनतम होगी उसी संवेदक को प्रथम न्यूनतम दरदाता माना जावेगा।
 14. कार्य की दोष निवारण अवधि 2 वर्ष होगी (लगाई गई तिथि से) तथा 2 वर्ष तक वाटर कूलर्स की मेन्टिनेन्स करनी होगी, तथा वाटर कूलर चालू रखने होंगे, जिसका भुगतान नहीं किया जावेगा। कम्प्रेसर की गारंटी निर्माता कम्पनी के नियमानुसार रहेगी।
 15. अन्य शर्तें/नियम RTPP Act 2012 & Rules 2013 अनुसार रहेंगे।

हस्ताक्षर निविदादाता

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अधिशाषी अभियंता (वि0)
नगर निगम कोटा उत्तर