

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHNADRAPURAM UNIT, HYDERABAD
(Township Administration Department)

SCHEDULE- A

Tender Notice No:
HY/TA/OT-01/2023-24, Dt.18.04.2023

PRICE BID

Name of Work: Repairs & Maintenance of External water supply lines & bore wells in township area.

S.No	Description	Quantity proposed	Unit	LPR Rate (Rs.)	Proposed Amount
1	2	3	5	6	7 = 3*6
1	Maintenance by sweeping, cleaning the floor and side walls with coir brushes, removing the clay silt, scum etc, including cleaning the surfaces with bleaching powder and finally with fresh water till the full area is cleaned properly and writing the date of cleaning on the wall with paint neatly etc complete all as directed by Engineer - in - charge.				
a)	underground reservoir of 5.00 lakhs gallons capacity.	2	One operation	9963.33	19926.66
b)	underground reservoir of 2.50 lakhs / 3.30 lakhs gallons capacity.	3	One operation	6540.18	19620.54
c)	Overhead tank of 0.50 lakh / 1.1 lakh gallons capacity (18 mtrs staging).	4	One operation	4780.17	19120.68
2	Earth work excavation / road cutting in trenches for foundations and for pipes etc., for all depths including dressing and ramming the sides and bottom, strutting, shoring if any, depositing the soil as directed within a lead of 10.00 M in all soils except rock requiring blasting. <i>(while excavating care should be taken wherever cable etc. are met and inform the concerned in-charge and also intimate to Electrical Department/ Telephones Department to take care of the cables).</i>	176.97	One Cum	115.20	20386.94
3	Labour charges for cutting, threading, laying and jointing of GI pipe, with necessary fittings including cost of jointing materials such as white lead, jute, conveying the pipes from stores etc, complete as directed by Engineer - in -charge (<i>GI pipe and with all necessary fitting will be free issued from BHEL</i>)				
a)	100mm to 65 mm dia	61	One Rmt	69.02	4210.22
b)	50mm dia	0	One Rmt	42.31	0.00
c)	40mm dia	240	One Rmt	27.84	6681.60
d)	25mm dia	85	One Rmt	25.60	2176.00
e)	20 mm dia	79	One Rmt	25.60	2022.40
4	Removing the GI pipe line of different dia meters including stacking at site or handing over in BHEL stores etc complete all as directed by Engineer-in-charge.				
a)	100mm to 65mm dia	644	One Rmt	30.28	19500.32
b)	50mm to 40mm dia	409	One Rmt	13.36	5464.24
c)	25mm to 20mm dia	29	One Rmt	11.58	335.82

5	Labour charges for removing and refixing G.I. pipes complete with G.I. fittings including trenching and refilling etc (<i>GI pipe and with all necessary fitting will be free issued from BHEL</i>)				
a	150 to 200 mm dia	10	One Rmt	40.49	404.90
b	100 to 150 mm dia	0	One Rmt	40.49	0.00
c	50mm dia	3	One Rmt	28.34	85.02
d	40mm dia	0	One Rmt	24.29	0.00
e	25mm dai	0	One Rmt	16.20	0.00
f	20mm dia	0	One Rmt	21.86	0.00
6	Labour charges conveying, lowering and fixing of CI sluice/reflex valves in the existing water line, including excavation, the cost of jointing materials refilling such as rubber packing, bolts and nuts, white lead etc complete				
a)	100mm dia	1	Each	445.29	445.29
b)	80mm dia	2	Each	333.66	667.32
c)	50mm dia	1	Each	278.31	278.31
d)	40mm dia	1	Each	278.31	278.31
7	Conveying, lowering and fixing of CI/ sluice valves in the existing CI/RCC/GI water main including earth work excavation, cutting the CI line and jointing, caulking and fixing the valve along with CI fittings including cost of all jointing materials etc complete.				
a)	300 mm dia / 350 mm dia	2	Each	2226.44	4452.88
b)	250 mm / 225 mm dia	3	Each	2003.80	6011.40
c)	150 mm dia	1	Each	1558.52	1558.52
8	Earth work excavation in all soils, cutting and removing the existing pipe line or burst pipe line of cast iron, RCC line, GI line and taking necessary connections including jointing and lead caulking cement joint, road cutting with necessary, transportation of pipe from stores to site complete all as directed by Engineer in Charge. <i>(while excavating care should be taken wherever cables etc. are met with and inform the concerned in-charge and intimate to Electrical Department / Telephones Department to take care of the cables). (Only GI Pipe and connected fittings are free issue from BHEL store and remaining all other materials are in contractor's Scope) Note: Old pipe should be return to main water works /civil store as per direction of Engineer-in-charge.</i>				
a)	200mm to 350mm dia pipe line	2	RMT	1001.90	2003.80
b)	100mm to 150mm dia pipe line	2	RMT	890.57	1781.14
9	Excavation in all soils at leaking joints of CI water lines, removing the water, caulking the lead joints and refilling back the excavated soil at the repaired joints, wherever necessary and cutting and refilling.				
a)	250mm to 500mm dia	17	Joint	935.11	15896.87
b)	100mm to 225mm dia	16	Joint	712.47	11399.52
10	Welding of the leakage joints of GI water supply Lines of different diameters as directed by Engineer - in - charge.	10	RMT	1031.57	10315.70

11	Changing and tying of indicator wire for overhead tanks of 18 meter, staging with Nylon wire to the float ball on one side and to the indicator on the other side (Rate includes the cost of Nylon wire and labour). Etc. complete all as directed by Engineer - in - charge.	8	One operation	1354.23	10833.84
12	Filling available excavated earth (excluding rock) in trenches, plinth,sides of foundations etc. in layers not exceeding 20cm in depth,consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	176.97	One Cum	74.63	13207.27
13	Supplying, lowering, aligning and fixing of (Non-return) reflex valve (heavy type) including a pair of steel flanges, cost of all jointing materials such as rubber packing, bolts and nuts etc, complete all as directed for (Sample must be approved by Engineer - in- charge) etc all complete.				
a)	CI reflex valve 150 mm dia	1	Each	7368.34	7368.34
b)	CI reflex valve 100 mm dia	1	Each	3887.37	3887.37
c)	CI reflex valve 80mm dia	1	Each	3339.67	3339.67
14	Supply and fixing of steel flanges suitable to GI line or valves including with necessary fitting and threading of GI pipe and welding etc complete.				
a)	150mm dia	2	Pair	1326.30	2652.60
b)	100mm dia	10	Pair	366.26	3662.60
c)	80mm dia	5	Pair	333.97	1669.85
d)	50mm dia	2	Pair	222.65	445.30
15	Supply and fixing of copper float ball of 30 cm dia made with 1 mm thick copper sheet all as directed by the Engineer - in - charge.	2	Each	1751.10	3502.20
16	Supplying and laying of G.I. pipes of medium class (Class-B) as per IS - 1239 including all fittings such as sockets, tees, bend, flanges etc, wherever required and jointing materials etc all complete.				
a)	100 mm dia.	1	One Rmt	605.59	605.59
b)	80 mm dia.	2	One Rmt	638.32	1276.64
c)	50 mm dia.	2	One Rmt	396.25	792.50
d)	40 mm dia.	2	One Rmt	327.51	655.02
e)	25 mm dia.	2	One Rmt	186.48	372.96
17	Supplying and fixing of CI sluice valve, (with cap) complete with bolts, nuts rubber insertions etc complete all as directed by Engineer-in-charge. (Sample must be approved by the Engineer-in-charge).				
a)	CI sluice valve 100 mm dia P.N.1.0.	1	Each	5305.16	5305.16
b)	CI sluice valve 80 mm dia PN.1.6.	1	Each	4773.49	4773.49
c)	CI sluice valve 50 mm dia P.N.1.0.	1	Each	3403.78	3403.78
18	Changing and tying of indicator wire for U.G.R tanks of 1.00 to 5.00 lakhs with Nylon wire to the float ball on one side and to the indicator on the other side (Rate includes the cost of Nylon wire and labour charges).	5	One operation	1457.47	7287.35

19	Removal and rectification of hand pumps from the borewells of 100 / 112mm dia upto all depths by applying necessary tools removal of GI pipe attached to the hand pump and installation of the unit after rectification to the satisfaction of the Engineer-in-charge.	1	Each	556.62	556.62
20	Removal / lowering of submersible pumpsets of 4.5 to 15 HP from the borewells carefully by holding with chain pully block removing the GI pipes attached to the pump without damaging the cable connection to motor placing the pumpset and pipe on ground and again lowering the sub-mersible pump set with same operation all as directed by the Engineer in-charge and required tools to be arranged by the agency i.e., chain pully, pipe wrench etc., payment will be made seperately for lower one operation, removal one operation	29	One operation	2523.12	73170.48
21	Supplying and fixing of brass spindle rod with brass nut suitable to the sluice valve of 80mm to 300 mm dia valves. (The payment will be made for finished spindle rod received as per requirement).	62.5	One Kg	407.44	25465.00
22	Cleaning of fountain pools and water jets by removing water manually and applying bleaching powder minimum 5 kgs to the pool and cleaning with coir brushes etc., complete for fountains at Check post, Rock garden & Community centre,ED Bunglow, Guest House, Ambedkar Park etc.	18	Each	2127.37	38292.66
23	Supply and fixing of 16mm square gland packing rope of Champion brand	4	Each	646.96	2587.84
24	Providing and fixing G.I. Union in existing G.I.Pipe Line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required.				
a	G.I Union / 80 mm	4	Each	754.41	3017.64
b	G.I Union /65mm	7	Each	1034.96	7244.72
c	G.I Union /50 mm dia.	20	Each	444.08	8881.60
d	G.I Union /40 mm dia.	5	Each	329.51	1647.55
e	G.I Union /25 mm dia.	7	Each	262.27	1835.89
f	Supply and fixing of 10 /12 mm square gland packing rope of charminar brand.	12	Kgs	102.42	1229.04
g	Supply & fixing of 3 mm thick rubber packing for use on C.I/G.I lines.	10	Kgs	37.57	375.70
h	Supply and fixing of 300 x 300 x 10 mm thick leather packing including labour charges cost of all materials etc complete.	8	Each	556.62	4452.96
i	Supply and delivery of bolts and nuts of medium class with double washers including taxes and conveyance etc., complete (1/2" to 1"). Including threading and fixing.	2.5	One Kg	90.84	227.10

j	Supply & fixing of 50mm dia &100mm long coupling (HD). Including threading and fixing.	2	Each	532.79	1065.58
k	Supply & fixing of 80mm dia &100mm long coupling (HD). Including threading and fixing.	2	Each	913.35	1826.70
25	Cleaning of raw sewage equalization tanks of STP, 5 meters dia at NRSP by stopping the incoming flow removing the sand and other grit materials and dumping them within 100 M, cleaning the inside faces as directed to remove the scum and other foreign materials etc., complete. <i>(Payment will be made for equalization tanks of STP independently and NRSP Sump independently).</i>	2	One operation	35272.41	70544.82
26	Supply and fixing of damage fountains nozzles of different types as directed by Engineer in Charge.	5	Each	1105.25	5526.25
Total Amount(Excluding Taxes) Rs.					4,98,014.09
Tender % on A					
	In Words			In Figures	
Excess					
Less					
Estimated					
*	The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimated value in figures and words. Bidders are requested to fill only one row.				
1	Risk Purchase : In case the contractor fails to execute the work within the scheduled time or due to any other reasons, BHEL reserves the right to get the same completed through some other party at the risk & cost of the contractor and any additional expenditure incurred due to the same shall be charged to the contractor.				
2	All the materials are in the Contractor Scope Only .				
3	The rates are excluding taxes.				
4	The contract period is Nine (09) Months and maintenance period is Six (06) Months. The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.				
5	Penalty terms: a) If the agency fails to commence the work as requested by the department, a penalty of 0.5% on the gross value of work for weeks' delay will be applicable subjected to maximum of 10% of the total order value. Penalty amount so determined along with GST if applicable thereon shall be recovered. b) In the event of delay in supply of goods and or services beyond contractual delivery date, penalty of 0.5% per week or part there of shall be levied on the gross value of work subject to a maximum of 10% of the total order value. Penalty amount so determined along with GST if applicable thereon shall be recovered				
6	Taxes: Bidders shall quote their Basic price Inclusive of taxes.				
7	The tender % age quoted by the contractor shall be Inclusive of all taxes.				
8	IR Clearance is not required for the works less than Rs. 50,000/-.				
9	The agency has to pay the minimum wages to workers with statutory payments like ESI, PF etc., is as per BHEL notification and as per NIT. For USW= ₹ 565.65, SSW= ₹ 602.99, SW = ₹ 638.8 + ESI + PF + PPE's and other statutory if any increase in future DA is to be borne by the agency.				
10	The agency has to bring police clearance certificate for the work force.				
11	All the terms and conditions of the contract with respect to taxes & duties are subject to the new taxation laws introduced from time to time (e.g. GST). The terms and conditions will be modified in accordance with the provisions of new laws (e.g. GST).				
12	Payment shall be made stage wise on approval from engineer in charge				
13	Vendor shall raise GST invoice on BHEL Hyd GSTIN.				
14	If BHEL is unable to avail the input tax credit, the same amount shall be recovered from the vendor bills.				
15	Use of stone dust is not permitted in any civil works.				
GST CLAUSES					
17	Following points to be complied with :				

18	In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL.
19	In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied / leviable on BHEL.
20	The bidder shall arrange to send to BHEL, Hyderabad along with all the required documents as in Purchase Order, Tax Invoice (Original for Recipient) along with his bills.
21	Vendor to ensure correct applicability of IGST/CGST/SGST/UTGST based on the Inter /Intra state movement Supply of goods and services or both.
22	Taxes and duties prevalent on the contractual delivery date or the actual delivery date (in case of delay) whichever is lower shall be applicable paid. Composition Scheme to be addressed.
23	Vendor shall note that the Invoice has to be raised quoting HSN Code of Goods or Accounting Code of Services or both wherever applicable.
24	Invoice should mention BHEL-HPEP-HYDERABAD GSTIN: 36AAACB4146P1ZG or GSTIN of BHEL Nodal Agency as mentioned in PO.
25	In case of any short supply of goods or service Vendor has to raise a credit note for short supplied quantity as per GST provisions.
26	Any GST liability arising on BHEL under reverse charge before actual receipt of goods and or services and/or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other conditions specified in GST law, as applicable.
27	Supplier shall mention their GST registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
28	A declaration to the effect that all tax liability as per GST rules and regulations shall be discharged.