

West Bengal Industrial Infrastructure Development Corporation
(Established under W.B. Act XXV of 1974)
Plot No.-10, Block-DJ, Sector-II, Salt Lake City, Kolkata-700 091

Memo No. Infra/Eng/3P-2/88(Pt.-VII)/1008

Dated: 10.04.2023

To
SHABA ENGINEERING WORKS,
ICHAPUR MAJHER PARA
SANTRAGUCHI, HOWRAH – 711104

Sub: Sinking of 250 x 200 mm dia 250 metre deep Tubewell along with Pumping Machinery, electrical accessories including interconnection with existing pipe line at Falta Industrial Park, Sector-III, under WBIIDC in the district of South 24 Parganas, Pin-743504.

Tender Id: Tender Id: 2023_IIDC_491678_1

NOTICE INVITING e-TENDER No. IIDC_29M_2022_2023.

Financial Bid Opened on : 31.03.2023.

Estimated Amount put to tender : Rs. 17,25,275.00

Rate Quoted : @1.75 % (One point seven five percent) less.

Tender Amount : Rs. 16,95,082.00 (Rupees Sixteen Lakh Ninety Five Thousand Eighty Two) only.

Time of Completion: 45 (Forty Five) Days.

Dear Sir,

Your offer @1.75 % (One point seven five percent) less the rates as shown in the priced schedule of works, for the above mentioned job has been accepted by me for and on behalf of the **West Bengal Industrial Infra-Structure Development Corporation**. The tender has been numbered as **02(M) of 2023– 2024**.

You are, therefore, requested to submit **copies of agreement in duplicate**, in WBIIDC Form No. 1 (available from the office at above address on payment through online **Rs.1180/= per set** of tender documents) within 7 (Seven) days from receipt of this letter failing which your tender will be liable to cancellation. You are also requested to take up the work in consultation with the **Executive Engineer (Mech.), Head Office, WBIIDC**, and complete the same within the stipulated period. **The date of commencement of work will be reckoned from 17.04.2023**. You are also requested to submit a detail work programme to the said **Executive Engineer (Mech.), Head Office, WBIIDC**. It may be noted that failure from your end to take up and execute proportionate work in proportionate time may invite due action as per provision of bid/tender document.

Apropos Finance Department, Audit Branch, GoWB's Memorandum No.4905-F(Y) dt.17.09.2014, it has now become mandatory to make payment through Electronic Mode (e-Payment) directly to Contractor's account. **The provision of GST will be applicable in this work.**

Security deposit @ 1 % will be recovered from the progressive bills to cover security amount equivalent to 3 % of total value of work so executed. 1% (One percent) labour welfare cess will be deducted from each bill / bills.

Statutory deduction will be made for all other taxes from the progressive bills as per Govt. rules and regulation.

You are requested to obtain necessary License, under Contract Labour Rules, from the Labour Commissioner, Govt. of West Bengal and produce the same to the said **Executive Engineer (Mech.), Head Office, WBIIDC**.

Thanking you,

Yours faithfully,

Enclo: Schedule of Works.


Superintending Engineer
WBIIDC

Percentage BoQ

Tender Inviting Authority: Superintending Engineer, WBIIDC

Name of Work: "Sinking of 250 x 200 mm dia 250 metre deep Tubewell along with Pumping Machinery, electrical accessories including interconnection with existing pipe line at Falta Industrial Park, Sector-III, under WBIIDC in the district of South 24 Parganas"


Contract No:

PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMB ER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
1.00	Electrical resistivity survey to ascertain the availability of portable water with exploration of three spots for obtaining the optimum result.	1.00	job	14065.40	14065.40	INR Fourteen Thousand & Sixty Five and Paise Forty Only
2.00	Labour for boring through any type of soil for sinking well of required dia. With top enlargement by rig boring system (either by reverse circulation or direct rotary method) including hire charges and labour for rig machine, tools and plant, staging, force pumping set and making arrangement for water required for boring etc. complete and lowering of pipes strainers blind pipes etc. complete. a) For depth upto 250metre for 150 mm dia Tube well with top enlargement of 250mm dia (upto 50metre).i) First 50metre	50.05	mtrs.	1270.45	63586.02	INR Sixty Three Thousand Five Hundred & Eighty Six and Paise Two Only
2.10	ii) Nest 50metre	51.00	mtrs.	1250.19	63759.69	INR Sixty Three Thousand Seven Hundred & Fifty Nine and Paise Sixty Nine Only
2.20	iii) Nest 50metre	50.03	mtrs.	1486.17	74353.09	INR Seventy Four Thousand Three Hundred & Fifty Three and Paise
2.30	iv) Rest 100metre.	100.00	mtrs.	1538.61	153861.00	INR One Lakh Fifty Three Thousand Eight Hundred & Sixty One Only
3.00	Supplying fibre glass reinforced Epoxy resin slotted strainer of 1mm. Slot width in 6.1m length of approved make and as per direction of the Engineer in charge. a) 200mm dia (internal) i) 6.0mm wall thickness	30.04	mtr.	3842.36	115424.49	INR One Lakh Fifteen Thousand Four Hundred & Twenty Four and Paise Forty Nine Only
4.00	Supplying, fitting and fixing PVC pipes for underground work of approved make of Schedule 80 (medium duty) conforming to ASTM D-1785 and threaded to match with GI pipes as per IS : 1239 (Part - I), with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted including cost of all materials, jointing materials, cutting pipes, making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials No separate payment will be made for accessories, specials.) PVC Pipes. a) 200mm dia (internal)	178.00	mtr	3236.92	576171.76	INR Five Lakh Seventy Six Thousand One Hundred & Seventy One and Paise Seventy Six Only
4.10	b) 250mm dia (internal)	42.00	mtr	4431.11	186106.62	INR One Lakh Eighty Six Thousand One Hundred & Six and Paise Sixty Two Only
5.00	Supplying M.S male / female adpoter of approved make and brand for coupling of PVC pipe and fibre glass strainers, as per direction of the Engineer in charge. i) 200mm	1.00	each	4083.10	4083.10	INR Four Thousand & Eighty Three and Paise Ten Only
6.00	Supplying fitting and fixing heavy type bell mouth reducing socket. a) 250mm x200mm	1.00	each	1797.23	1797.23	INR One Thousand Seven Hundred & Ninety Seven and Paise Twenty Three Only
7.00	Supplying fitting fixing 300mm M.S. housing clamp of approved quality.	1.00	set	2663.67	2663.67	INR Two Thousand Six Hundred & Sixty Three and Paise Sixty Seven Only

8.00	Supplying, fitting and fixing GI cap at top a) 250mm	1.00	each	670.98	670.98	INR Six Hundred & Seventy and Paise Ninety Eight Only
9.00	Providing and fixing bell plug as required upto 250 mm (internal) dia. ERWMS pipe including cost of materials and labour complete.	1.00	each	513.66	513.66	INR Five Hundred & Thirteen and Paise Sixty Six Only
10.00	Packing the annular space between the outside of the tube well pipes & strainers and the bore with pea size washed gravel of approved quality having size from 2mm to 5mm or the size approved by the Engineer in charge including cost of all materials labour and equipment complete.	40.00	Cum	2418.16	96726.40	INR Ninety Six Thousand Seven Hundred & Twenty Six and Paise Forty Only
11.00	Packing the annular space between the outside of the housing pipes and the bore with puddle clay balls of approved size as per direction of the Engineer in charge including cost of all materials labour and labour complete	10.000	cum	496.98	4969.80	INR Four Thousand Nine Hundred & Sixty Nine and Paise Eighty Only
12.00	Washing and development tube well with air compressor pump for 8(eight) hours continuous pumping per day with necessary arrangements for testing the yield in gallons per hour with 'V' notch including hire and labour charges for all tools and plants and scaffolding as required complete in all respect.	4.00	day	8983.78	35935.12	INR Thirty Five Thousand Nine Hundred & Thirty Five and Paise Twelve Only
13.00	Labour for making arrangement for showing verticality test including the cost for hire charges of tools and plants scaffolding labour etc. all complete.	1.00	L.S.	1091.68	1091.68	INR One Thousand & Ninety One and Paise Sixty Eight Only
14.00	Collecting sample of water for bacteriological and chemical test from any depth at any time execution of work including hire and labour charges for tools and plants and sterilising the equipments paying all charges and fees testing complete in all respect as per direction.	5.00	L.S.	1467.10	7335.50	INR Seven Thousand Three Hundred & Thirty Five and Paise Fifty Only
15.00	Providing 200mm centre guide. a) With Clamp	4.00	set	152.55	610.20	INR Six Hundred & Ten and Paise Twenty Only
16.00	Geophysical investigation of the aquifer by electrologging system with all tools and plants as necessary including supply of necessary report.	1.00	Test	9828.77	9828.77	INR Nine Thousand Eight Hundred & Twenty Eight and Paise Seventy Seven Only
17.00	Supplying & delivery at site of Submersible Pump motor set suitable for the T.W.250mm x 200mm having a duty condition of discharging 26000 LPH clear water at a head of 84 Mtrs. for all causes with 80 mm dia. out let and fitted with built in streamlined non-return valve & directly coupled to squirrel cage induction submersible motor suitable for running on 220 volts (+/- 6%), 1-phase, 50HZ, A.C. supply. BPD 262 /12A +UMAI 150 - 9/22 G3 2.5 S.D., Make : KSB, connection: S.D. ,H.P./KW:12.5/9.3, Cable-1x3x2.5 sq.mm.	1.00	set	65276.99	65276.99	INR Sixty Five Thousand Two Hundred & Seventy Six and Paise Ninety Nine Only
18.00	Supply & delivery at site of 80mm dia. (nominal bore) UPVC pipes to be used as column pipes of Duke make (medium duty) with both ends threaded and one end socketed with 100mm long heavy socket of approved make and quality of following lengths :- i) 3.00 mtrs. (10 '-00")long	12.00	nos	1688.99	20267.88	INR Twenty Thousand Two Hundred & Sixty Seven and Paise Eighty Eight Only
19.00	Supply & delivery at site of 80mm dia. (nominal bore) C.I. Adaptor including fitting fixing with necessary materials and tools.	2.00	nos	1374.00	2748.00	INR Two Thousand Seven Hundred & Forty Eight Only
20.00	Supply & delivery at site of Flat cable of (1 x 3 x 4mm Sq. size) suitable for the above pump-motor set of Finolex / Havells. Make.	120.01	mtrs.	313.00	37563.13	INR Thirty Seven Thousand Five Hundred & Sixty Three and Paise Thirteen Only
21.00	Supplying, fitting and fixing in position 50 MM G.I. pipes (Medium duty) of TATA make for underground works with all necessary accessories, specials viz socket, bend, tee, union, cross, elbow, nipple, short piece etc. including cost of all materials, jointing materials, cutting pipes, making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately)	30.01	mtrs.	619.73	18598.10	INR Eighteen Thousand Five Hundred & Ninety Eight and Paise Ten Only

22.00	Supply, Fitting , fixing Al. Busbar 4 bar, 100 A chamber as per PWD specification.	1.00	nos	3017.20	3017.20	INR Three Thousand & Seventeen and Paise Twenty Only
23.00	Supply & Fixing 415V 63 Amps. TPN main Switch fuse unit with re-wire able fuses of Havells/L&T make to be fixed on flat iron frame. Havells make	2.00	nos	4336.96	8673.92	INR Eight Thousand Six Hundred & Seventy Three and Paise Ninety Two Only
24.00	Supply & Fixing/Laying in U.G. trench or wall surface medium gauge 50mm dia GI Pipe for cable protection or other purposes (ISI medium) with necessary fittings and jointing materials as required.	20.00	mtrs.	404.99	8099.80	INR Eight Thousand & Ninety Nine and Paise Eighty Only
25.00	Supply & delivery at site of M.S. heavy type well guard ring of 200mm dia. (O.D) with cross ribs (made out from 20mm dia. M.S. rod) to be fitted with the lower portion of the Motor.	1.00	nos	358.00	358.00	INR Three Hundred & Fifty Eight Only
26.00	Supply & delivery at site of heavy type M.S. 80mm flat x 15mm thick Supporting clamps for holding 50 mm dia. column pipes with necessary stainless bolts, nuts & washers etc.	2.00	pairs	350.00	700.00	INR Seven Hundred Only
27.00	Supply & delivery at site of M.S. 3-mm plate for Tube well cover in 2-part with necessary pipe & cable entry arrangements for tube well size- 250 mm including painting with anti corrosive approved make paint.	1.00	nos	400.00	400.00	INR Four Hundred Only
28.00	20mm dia. Nylon rope (to be used for pump –motor set safety on without missing.)	9.16	kg	85.00	778.60	INR Seven Hundred & Seventy Eight and Paise Sixty Only
29.00	Heavy type M.S. clamp with necessary stainless steel bolts, nuts & washers(to be used as fastener of nylon rope)	1.00	pairs	400.00	400.00	INR Four Hundred Only
30.00	Supply & fitting in position for delivery line of TW at site the following GI specials as per IS: a) 80 mm dia G.I Screwed flanged	15.00	nos	157.00	2355.00	INR Two Thousand Three Hundred & Fifty Five Only
30.10	b) 80 mm dia. G.I. Short Piece 100 mm long.	2.00	nos	85.00	170.00	INR One Hundred & Seventy Only
30.20	c) 80 mm dia all flange tee	1.00	nos	315.00	315.00	INR Three Hundred & Fifteen Only
30.30	d) 80mm. Dia.GI Plug	1.00	nos	114.00	114.00	INR One Hundred & Fourteen Only
30.40	e) 80 mm dia Non return Valve CIDF with ISI make.	1.00	nos	5365.00	5365.00	INR Five Thousand Three Hundred & Sixty Five Only
31.00	Supply & delivery of 80 mm dia. Butterfly valve full way standard pattern with fittings of best quality of ISI make.(The valves are to be fitted with the delivery line)	3.00	nos	3409.00	10227.00	INR Ten Thousand Two Hundred & Twenty Seven Only
32.00	Installation of the submersible pump motor set & column pipes cable, well guard ring , inside & out side of the tube well by supplying of all necessary sundry materials viz. nut, bolts, washers & rubber insertion etc. as per direction of Engineer- in-Charge of the work.	1.00	job	2091.00	2091.00	INR Two Thousand & Ninety One Only
33.00	Supplying, delivery of wall mounted panel board (in Sheet Enclosure) including voltmeter, Ammeter & single phase preventer selector switch, 10 HP, Relay range 6-10 A, 415 V, 50 Hz, 3 Ph. , Star Delta submersible pump starter suitable for the above submersible motor for L & T make (Model: MU-G15 /equivalent as per direction of E-I-C.	1.00	nos	9772.76	9772.76	INR Nine Thousand Seven Hundred & Seventy Two and Paise Seventy Six Only
34.00	Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below: ISI - Medium GI pipe.	2.00	set	1664.20	3328.40	INR Three Thousand Three Hundred & Twenty Eight and Paise Forty Only

35.00	Supplying, fitting and fixing cast iron spun pipe conforming to I.S. 1536/1976 with all necessary specials including cutting trenches in any soil or through masonry, concrete etc., if necessary, and mending good all damages including jointing pipes with Tyton joints as per manufacturer's specifications and filling up the trenches all complete but excluding the cost of masonry or concrete work, if required. c) Class A: (i) 100 mm nominal dia.	23.03	mtr	1691.16	38947.41	INR Thirty Eight Thousand Nine Hundred & Forty Seven and Paise Forty One Only
36.00	Renewing specials only of cast iron spun pipe conforming to I.S. 1536/1976 including cutting trenches in any soil or through masonry, concrete etc., if necessary and mending good damages including jointing with Tyton joints as per manufacturer's specifications excluding the cost of concrete or masonry work, if required, but including the cost of filling up trenches (for all dia. specials, payment will be made on the basis of actual weight of the specials).	100.57	kg	108.45	10906.82	INR Ten Thousand Nine Hundred & Six and Paise Eighty Two Only
37.00	Supply & delivery at site of Aluminium conductor armoured cable of size 4 core 25 sq.mm. of Havells /Gloster / equivalent ISI make as per direction of E-I-C	109.06	mtr	417.13	45492.20	INR Forty Five Thousand Four Hundred & Ninety Two and Paise Twenty Only
38.00	Laying of one No. cable upto 35 sqmm in underground trench 460 mm wide x 760 mm average depth, with brick protection on the top of the cable with 8 (eight) Nos. bricks per metre, including filling the space between the brick & cable and also the trench with shifted soil, leveling up and restoring surface duly rammed.	80.00	mtr	196.93	15754.40	INR Fifteen Thousand Seven Hundred & Fifty Four and Paise Forty Only
Total in Figures					1725275	INR Seventeen Lakh Twenty Five Thousand Two Hundred & Seventy Five Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				


 Superintending Engineer
 WBIIDC