

P-3 Anantnag
gym
22-23

**OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION
BIJBEHARA**

M/S Mohammad Irfan Najar

No/PHB: 0594-90

S/O Gh Mohi -ud-Din Najar

Dated: 13-9-2022

R/O Khanabal Anantnag

GST. No:- 01AEAPN6078H1Z0

Regd. No:- 79/AA/SE/Hyd/Ang/2004-05

Tentative Adv. Cost Rs: 112.85 Lacs

Allotted cost Rs: 143.119 Lacs

Subject:- Construction/Testing/Commissioning of 0.92 lac gallons capacity OHT of column type with staging height of 20 mtrs incld. Sluice Chamber at HarduSichen WS Scheme HarduSichen under JalJeevan Mission (JJM) District Anantnag

Reference
01. Chief Engineer Kmr PHE Department Srinagar, s e-NIT No: 129 of 2021-22 issued under endoresment No:CE/PHE/DB/41981-42033 Dated:21.02.2022

02. UT Level Committee meeting held on 28/04/2022 under the Chairmanship of Development Commissioner Works PW (R&B).

03. Chief Engineer Jal Shakti (PHE) Department Srinagar's letter No.CE/PHE/JJM/2846-90 dated 09/05/2022.

04. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/1385-89 Dated: 23.05.2022

05. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/1700-02 Dated: 23.05.2022

06. This office Letter of intent No/PHB/2129-32 Dated: 23.05.2022

For & on behalf of Lt. Governor of J&K (UT), contract for above noted work is hereby fixed with you on the following quoted rates :-

S No.	Description of Work / Item(\$)	Unit	Qty	Estimated Rate	Amount (In Rs)
1	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.	Cum	649.24	188.75	122544
2	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				
2.1	All kinds of soil :	Cum	435.14	81.65	35529
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				
3.1	All kinds of soil :	Cum	162.31	539.35	87542
4	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	1KL	9261.00	155.55	1440549
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5	Providing and laying hand packed stone soling (Quarry) 75mm nominal size including ramming and dressing including all leads lifts and all carriages complete.	Cum	32.45	1320.00	42834
6	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
6.1	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	Cum	21.83	4861.84	106134
7	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				
7.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)-M-20 Mix	Cum	192.31	7800.76	1500164
8	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.				
8.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	86.97	9408.14	818226
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				
9.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	89.55	9849.35	882009
10	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				
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10.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size	Cum	18.29	10404.52	190299
11	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately.				
11.1	All works above plinth level upto floor V level	Cum	66.53	9302.98	618927
12	Extra for providing richer mixes at all floor levels. Note:- Excess/ less cement over the specified cement content used is payable/ recoverable separately. 5.35.1 Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum)	Cum	66.53	111.87	7443
13	Extra for R.C.C./B.M.C./R.M.C. work above floor V level for each four floors or part thereof.	Cum	110.88	309.05	34267
14	Centering and shuttering including strutting, propping etc. and removal of form for:				
14.1	Foundations, footings, bases of columns etc. for mass concrete.	SqMtr	70.74	262.30	18555
14.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	SqMtr	337.69	573.85	193783
14.3	Suspended floors, roofs, landings, balconies and access platforms.	SqMtr	195.36	635.60	124171
14.4	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	SqMtr	402.08	502.85	202186
14.5	Columns, pillars, piers, abutments, posts and struts.	SqMtr	412.8	680.15	280766
14.6	Spiral staircases (including landings)	SqMtr	120	619.80	74376
14.7	Arches, domes, vaults upto 6 m span	SqMtr	180.15	2086.80	375937
14.8	Extra for arches, domes, vaults exceeding 6 m span	SqMtr	180.15	1008.45	181672
14.9	Edges of slabs and breaks in floors and walls	Mtr	84.91	242.30	20574
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15	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. Including cost of de-shuttering and de-centering at all levels, over a height of 3.5 m, for every additional height of 1 meter or part thereof (Plan area to be measured).				
15.1	Suspended floors, roofs, landings, beams and balconies (plan area to be measured)	SqMtr	720.42	267.60	192784
16	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	kgs	812	57.90	47015
17	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete				
17.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	55747	87.18	4859745
18	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT 12mm Cement plaster finished with a floating coat of neat cement of mix:				
18.1	1 : 3 (1 cement : 3 fine sand)	sqm	273.4	343.75	93981
18.2	1 : 4 (1 cement : 4 fine sand)	sqm	318.41	325.45	103627
19	Extra for plastering exterior walls of the height more than 10m from ground level for every additional height of 3m or part thereof.	sqm			
19.1	Extra for plastering	sqm	2367.21	128.20	303476
20	EXTERIOR FINISHING Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	sqm	766.61	91.80	70375
21	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	Cum	458.13	198.70	91030
22	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 required. chequered plate wherever required, all complete.				
22.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	2000	146.63	293260
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23	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.				
23.1	M.S. tube	Kg	300	172.90	51870
24	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work) for rising main and delivery main of OHT.				
24.1	100 mm dia. nominal bore	mtr	80	1234.95	98796
24.2	150 mm dia. nominal bore	mtr	50	2167.65	108383
25	Providing and fixing D.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.				
25.1	100 mm dia. Class 1	Each	3	17210.00	51630
25.2	150 mm dia. Class 1	Each	3	26720.00	80160
26	Providing & fixing of MS fittings viz bends of suitable degree, tees, collars etc to be fabricated from 6mm Nominal Size MS plate as per the requirement of site including cost of welding. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job.	Kg	350	147.82	51737
27	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
27.1	100 mm dia. pipe	Joint	20	1520.00	30400
27.2	150 mm dia. pipe	Joint	10	2150.00	21500
28	Providing & fixing ventilator of size 450mm x 450mm made out of angle iron 40mm x 40mm with wire mesh of 25mm x 25mm size including welding charges & including all carriages upto site of work.	No	3	1500.00	4500
29	Carriage of materials by mechanical transport including loading, unloading, stacking of materials	Cum			
29.1	Sand (20 Km average)	Cum	221.51	402.26	89105
29.2	Aggregate below 40 mm size (10 Km average)	Cum	408.3	280.85	114671
29.3	Aggregate above 40 mm size (10 Km average)	Cum	19.65	305.28	5999
29.4	Earth (average 3 Km)	Cum	509.06	215.74	109825
29.5	Cement/Steel (15 Km average)	MT	249.66	303.66	75812
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30	Supply, installation, testing and commissioning of Advanced Maintenance Free environment friendly Earthing system consisting of 1 no. of 3mtr length, 17.2 mm dia UL certified earth electrode made of high tensile low carbon steel circular rods, molecularly bonded copper on outer surface (minimum copper bonding thickness-250 microns) with GI terminals to connect incoming strips, (Environment friendly backfill compound duly certified as per ANSI/NSF standard 60/Toxic content certificate as safe for use near potable ground water resources strictly as per specification enclosed. Make- SHREE ELECTRODES/OBO BETTERMANN/ERICO(2 Nos UPS and 4 Nos Main L.T Panel/2 Nos Fire Fighting Panel)	No	1	15800	15800
31	Providing and Fixing 25 mm x 5 mm Copper Strip In 40 mm dia. G.I Pipe FRL Earth Electrode including connection with Brass nut ,bolt,spring,washer,excavation and refilling etc. as required	RM	30	1224	36720
32	Supply, installation, testing and commissioning of lightning conductor made of 25 mm dia 300 mm long copper tube having single prong at top with base plate.	Each	1	1500	1500

Total				14362184.85
Deduct 0.354 % on all items of work below percentage quoted by the contractor				(-)50268

NET AMOUNT	14311916.00
Say Rs:	143.119

Rates & Qty Checked

Head
Draftsman

Technical Officer

Executive Engineer
PHE, Division Bijnahara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 143.119 Lacs (Rupees One Crore forty three Lac eleven thousand nine hundred) only
2	The work shall have to be completed within a period of 150 working days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Earnest money deposited by you vide CDR NO:3108244 DT:12.09.2022 RS:429360 /- successful completion of the work and expiry of defect clause.
4	You have to attend the Divisional Office along with your enlistment card for drawl of agreement within three days from the date of issuance of this allotment order. However non drawl of agreement will not prevent the contract from being enforced upon you.
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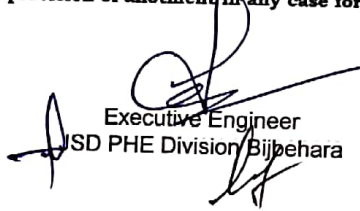
	<p>Defects Liability Period (DLP):The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run, during the defects Liability period (DLP) the firm shall have to operate & maintain the scheme as it is required for its successful running & as per Standard Engineering Practices, to the fullsatisfaction of the department. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect</p>
6	<p>Trial Run: After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.</p>
7	<p>Terms of Payment:Payment shall be released as per actual/measured work done not less than 20% of the allotted cost on a monthly basis.</p>
8	<p>Bidder Dying, Becoming Insolvent Or Imprisoned:In the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works</p>
9	<p>Suspension of Supply by the Bidder: In case of the firm agency failing to execute the job, the department has the right to get the work executed through some other firm/agency or of its own at the risk and cost of the defaulters.</p>
10	<p>Safety of Govt. Infrastructures:The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the bidder</p>
11	<p>Bidder's risk and insurance: All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder.</p>
12	<p>Work Under Bidders Charge:From the commencement of the work to the completion thereof the same shall be under the bidders charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / theft and shall hold the Government harmless for any claims for injuries to persons or damage to property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees, during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country</p>
13	<p>Bidder to Maintain Site Office:The bidder shall provide and maintain, at his own cost a suitable site office at the site of Work to which the Department may send communications/ instructions.</p>
14	<p>Claims to be put in writing:The Department shall not be liable to the Bidder for any matter or thing arising out of or in connection with the contract or the execution, completion and maintenance of the work unless the bidder puts a claim in writing in respect thereof before getting the certificate of final completion</p>
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15	Agreement:As soon as letter of award is communicated to the firm, the contract shall be complete and binding upon them, the bidder/firm shall also be required to execute an agreement with the competent authority within seven days from the date of issue of letter of award. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the letter of award in favour of successful firm.
16	<u>The total amount reflected at the end of BOQ is not the estimated cost. Instead the tentative cost of each OHT has been reflected at the start of BOQ. The bidder is supposed to quote the percentage appreciation/depreciation with care as that will apply for all the items of BOQ. Bidders are advised to check the exact location and particulars of the OHT they are bidding for, from the concerned Divisions before hand to ascertain the working conditions. The foundation type and other parameters is subjected to actual bearing capacity at site which the bidder may consider in bidding as per the terms and conditions laid down in the SBD.</u>
17	All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinager for favour of information please.
- 2 District Dev.Commissioner Anantnag for favour of information please
- 3 Superintending Engineer Hyd. Circle Bijbehara for favour of information
- 4 Assistant Executive Engineer PHE Sub -Division Anantnag for information & necessary action. He will ensure the completion of work within the stipulated time period and strictly in accordance with approved proposals, besides the amount of work does not exceed beyond the provision of allotment in any case for which he shall be personally responsible.
- 5 File Concerned


 Executive Engineer
 JSD PHE Division Bijbehara