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part 2nd.

Pzgm,
23-2/3

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

S/O Ovais Raja Mir
S/O Gh Nabi Mir
R/O Bijbehara
Regd: CE/PHE/I&FC/2020-21/AAV-124
Tender ID: 2022_PHE_173776_17
Tantative Adv. Cost Rs: 145.68 Lacs

No/PHB: 567-72
Dated: 17-4-2023
GST. No.: 01B5YPR2665D1ZH

Alloted Cost as per the approved DPR Rs: 135.08 Lacs
Cost of L1 Rs : 152.23 Lacs

Subject:- Retrofitting of WSS Ichhar Including the Laying / Fitting of pipes ,Construction of 0.40 lac gallons capacity SSF plant, 0.20 lac gallons capacity SR, 3No Sluice Chamber , 2 No Intake chamber ,Crate protection bund, Chain link fencing and Improvements to the existing pipe network under JJM programme...

- Reference**
1. In response to this office Fresh: e-NIT No. 23 OF 2022-23 NO/PHE/3025-45 Dated: 11 -06-2022
 02. Read with date Extension No: PHB/2080-2100 Dated: 23.05.2022
 03. Read with date Extension No: PHB/2440-60 Dated: 28.05.2022
 04. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3858-60 Dated: 30.07.2022 & No/DDCA/DJJM/9413 Dt: 04.11.22
 05. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4590 Dated: 03.08.2022
 06. Chief Engineer Kmr.PHE Department Srinagr's letter No: CE/PHE/MC/DB/13745-83 Dated:26.07.2022
 07. Letter of intent NO/PHB/16597-16601 Dt:11.02.2023

Sl.No	Description of Work / Item(s)	Qty	Units	Estimated Rate	Amount
1	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.				
2	All kinds of soil	608.36	Cum	539.35	328119
3	Ordinary Rock	538.28	Cum	855.65	460579
4	Extra for every additional lift of 1.5 m or part thereof in excavation/banking				
5	All kinds of soil	3.40	Cum	81.65	278
6	Ordinary Rock	5.10	Cum	146.45	747
7	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed (1 meter from cutting edge)				
8	All kinds of soil	1290.97	Cum	436.00	562863
9	Ordinary Rock	1712.23	Cum	841.60	1441013
10	Providing and laying of dry stone solling tightly hand packed on horizontal levels.	54.12	Cum	1320.00	71438
11	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:				
12	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	48.91	Cum	4861.62	237782
13	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	105.33	Cum	6465.20	680980
14	1:1½:3 (1 cement : ½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	65.81	Cum	7800.76	513368
15	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.				
16	1:1½:3 (1 cement : ½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	92.00	Cum	9408.14	865549
17	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 centering, shuttering, finishing and reinforcement with				
18	1:1½:3 (1 cement : ½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	10.68	Cum	9849.35	105191
19	Reinforced cement concrete work in arches, archribs, 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: 1:1½:3 (1 cement : ½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.98	Cum	10404.52	51815
20	Centering and shuttering including strutting, propping etc. and removal of form for:				
21	Foundations, footings, bases of columns etc. for mass concrete.	378.11	Sqm	262.30	99178
22	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	831.25	Sqm	573.85	477013
23	Lintel, beams, plinth beams, girders, bressumers and cantilevers	13.01	Sqm	502.85	6542
24	Suspended floors, roofs, landings, balconies and access platforms.	66.57	Sqm	731.75	48713
25	Edges of slabs and breaks in floors and walls				
26	Arches, domes, vaults upto 6 m span	39.81	Sqm	2086.80	83076
27	Extra for arches, domes, vaults exceeding 6 m span	39.81	Sqm	1008.45	40146

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28	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
29	Foundation	1.52	Sqm	52.46	80
30	Walls	27.63	Sqm	114.77	3171
31	Beams	2.60	Sqm	100.57	261
32	12mm Cement plaster finished with a floating coat of neat cement of mix:				
33	1 : 3 (1 cement : 3 fine sand)	1028.67	Sqm	378.13	388966
34	1 : 4 (1 cement : 4 coarse sand)	180.00	Sqm	286.06	51490
35	1 : 6 (1 cement : 6 fine sand)	142.29	Sqm	265.93	37838
36	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
37	Hot rolled deformed bars	14895.00	kg	87.18	1298546
38	P/F of 3 No. M.S lid , 7 no. MS ventilators, 3 No. MS ladders, sluice valves / Gate valves required , bends/ tees/ nipples required for connecting the structures with the supply/ intake mains incld welding charges if required at site complete job	2.00	JOB	110000.00	220000
39	P/ M of water proofing compound to cement concrete @ 1kg/50 kg Of cement.	1061.99	kg	57.90	61489
40	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	5420.00	kg	102.14	553599
41	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.	4918.00	kg	91.03	447686
42	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia 3 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.	160.00	Sqm	1116.12	178578
43	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-incharge. Made of G.I. wire of dia 4 mm	360.00	Sqm	806.85	290466
44	Two or more coats on new work	412.00	Sqm	121.95	50243
45	Providing & laying of filter media effective size of sand varies from 0.45 mm to 0.70 mm having uniformity coefficient between 1.30 to 1.75 & should be dust free & free from other organic impurities to be obtained from Ganderbal Nallah & the size of gravel should vary from 2mm to 40mm incld all carriages complete.	2796.55	cft	300.00	838965
46	P?Laying of Baramullah slabs	710.00	Sm	180.00	127800
47	Filling available excavated earth (excl. rock) in trenches plinth sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming & watering lead upto 50 m, & lift upto 1.5 m.	2621.52	Cum	198.70	520896
48	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
49	15 mm dia G.I. pipes	1250.00	Mtr.	20.25	25313
50	20 mm dia G.I. pipes	1570.00	Mtr.	20.25	31793
51	25 mm dia G.I. pipes	1400.00	Mtr.	30.65	42910
52	40 mm dia G.I. pipes	3000.00	Mtr.	40.80	122400
53	50 mm dia G.I. pipes	1400.00	Mtr.	40.80	57120
54	P/f of MS flanges 12mm thick to the G I pipe , including cost of flanges, welding charges and L/F charges complete.				
55	65 mm dia GI pipe	268.00	Pairs	1200.00	321600
56	80 mm dia G.I pipe	350.00	Pairs	1400.00	490000
57	Providing / fixing of D.I./G.I bends ,Tees, Unions, Elbows, Nipples etc.				
58	65/80 mm dia GI bends/ tees	14.00	No.	900.00	12600
59	50 mm dia G.I bends/ tees	20.00	No.	800.00	16000
60	40 mm dia G.I unions	10.00	No.	400.00	4000
61	50 mm dia unions	10.00	No.	500.00	5000
62	65 mm dia unions	6.00	No.	650.00	3900
63	25 mm dia G.I unions	30.00	No.	300.00	9000
64	20/ 15 mm GI unions	30.00	No.	250.00	7500
65	25/20/ 15 mm tees	35.00	No.	240.00	8400
66	40/25/20 mm elbows	30.00	No.	200.00	6000
67	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/by mechanical means including stacking of pipes within 50 meters lead as per direction of Engineer-in-charge :				
68	15 mm to 40 mm nominal bore.	670	Rmt	99.75	66833
69	Above 40 mm nominal bore	400	Rmt	110.65	44260
70	Hand-packing stones in wire-crates; excluding cost of crates and stones	42.75	Cum	337.45	14426
71	Engagement of Laboures for extraction of stones from different spots along the Nallah including carriage of stones from the extraction site upto the actual site of work by manual means for an average lead of 500 m.	214	Lab	691.00	147874

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72	Cost of wire Crates (100 mm x 100 mm Aperture, 4mm dia mild steel wire) including all carriages (H.I +M.T)	2654	sft	25.00	66350	
73	Finishing walls with textured exterior paint of required shade on New work (two or more coats applied @ 3.28 liter/10sqm) over and including base coat of exterior primer applied @ 2.20kg/10sqm	1350	Sqm	228.55	308543	
74	By Mechanical Transport including loading, unloading and stacking					
75	Below 100 mm G.I Pipes (35 kms)					
76	Cement and Steel (45 Kms)	44.19	MT	490.13	21659	
77	Cement and Steel (35 Kms)	29.83	MT	578.44	17255	
78	Sand, stone aggregate below 40 mm nominal size (35 Kms)	107.17	MT	490.12	52526	
79	Stone aggregate 40 mm nominal size and above (35 Kms)	412.81	Cum	551.33	227595	
80	By Manual Labour including loading, unloading and stacking	44.01	Cum	599.28	26374	
81	Below 100 mm G.I Pipes (2000 m)					
82	Cement (2000 m)	66.01	MT	1030.52	68025	
83	Steel (700 m)	56.44	MT	817.19	46122	
84	steel (2000 M)	0.99	MT	759.23	752	
85	Sand, stone aggregate below 40 mm nominal size (2000 m)	67.32	MT	1755.50	118180	
86	Stone aggregate 40 mm nominal size and above (2000 m)	412.81	Cum	1991.80	822235	
87	Stone Soling /Stones (2000 m)	44.01	Cum	2153.95	94795	
		49.65	Cum	2343.70	116365	
Add @4.00% of all items , but restricted an amount of Rs: 135.08 Lacs as per the approved DPR/Agcord					Tentative Advertized Cost	14568166
					Say Rs: 135.08 Lacs	

Rates & Qty Checked

Head Craftsman

Technical Officer

Executive Engineer
Jal Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 135.08 Lacs One Crore thirty five Lac eight thousand only as per the approved Agcord of Administrative Approval.
2	The work shall have to be completed within a period of 60 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	Security performance deposited by you vide BG No: ACBNOW-BG485/885 Dated: 17.03.2023 Rs: 2247000.- shall be released after successful completion of the work and expiry of defect clause.
4	Client/Paying Authority: The client/paying authority shall be the concerned Executive Engineer. Besides, the supervision of the various components of the work shall be carried out by the concerned Engineers of the Division/TPIQM consultants under the overall coordination of the concerned Superintending Engineer Hydraulic Circle/Executive Engineer/Asstt Executive Engineer
5	Terms of Payment: Payment can be claimed on a monthly basis subject to the amount of bill being proportionate to the value of work viz a viz completion period within a variation of -5%.
6	Warranty: The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of subject work. If during warranty period any malfunctioning/ defects arise, the firm /joint venture shall have to rectify the same within a period of ten days of receipt of intimation. In case of any failure on the part of the firm/joint venture to remove the defect, the Department may get the defects removed/ repaired by any other agency and cost thereof shall be recovered from the firm / joint venture and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting.
7	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.
8	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. 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 rectified subject to a maximum ceiling of 6 Months.
9	Liquidated damages (LD) In the event of allottee failing, declining, neglecting or delaying the supplies / works or in the event of any damage occurring or being caused by the allottee or in the event of any default or failure by the allottee in complying with any of the terms and conditions of the contract, the Department shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the UT: a) Terminate the contract after 15 days notice and/or b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department. and/or c) Recover the extra cost, if any, involved in allotting contract to other party. and/or d) Impose Liquidated damages on account of delay beyond the schedule completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% value of the contract. and/or e) Forfeit the performance security and blacklist the firm.
10	Force Majeure: Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure or commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency.
11	Specifications of Job: Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s.
12	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. communications/ instructions.
13	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 allottee.

	Allottee'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.
15	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.
16	Setting Out of Works: The bidder shall be responsible for the time and proper setting out of all the works and for the correctness of the positions, levels, dimensions and alignment of all parts of the works and for the provision of all necessary instruments, appliances and labour in connection therewith.
17	Labour: The bidder shall make his own arrangements for the engagement of all types of the labour, required for the execution of the job. No workman below the age of 18 years shall be employed on the works. Also the bidder shall comply with the provisions of all labour laws and the rules framed there under.
18	Storage at Site: The bidder shall at his own cost make arrangements for proper storage especially towards Rain and Snow damages of the equipment/ materials at sites till its erection/completion. For the purpose the bidder shall, with the approval of Engineer in charge construct temporary storage accommodation for equipment/ material at site for which land shall be provided by the department near the site of work.
19	Watch & Ward of Works: The bidder shall in connection with the work provide and maintain at his own cost all lights, guards, fencing and watching, when and where necessary or required by the Department for the protection of the work or safety and convenience of the Public etc.
20	Final Acceptance: The equipment/work shall be accepted by the Department only after the system has been tested and has performed satisfactorily in all respects, at site, in accordance with the provisions of the contract.
21	Cleaning Up: On completion of the works the bidder shall clear away, load into trucks or any other transport and remove from the site all constructional plant, surplus materials, dismantled or otherwise, earth and rubbish and temporary works of every kind and leave the whole of the site and works clean and in a workmanship condition, to the satisfaction of the Department.
22	Power and Water Supply: The bidder/firm shall make his own arrangement, at his own cost, for all lines, individual power points, etc. to the machinery and plant required by him for the erection, testing and commissioning of the equipment ordered on him. The bidder shall pay for all electrical energy consumed by him for this purpose at the prevalent electricity tariff in J&K State. Such charges shall be paid by the bidder/firm directly to the Power Corporation and the bidder's final bill shall be settled only after he gets a no outstanding certificate from the concerned Electric Division. The Division shall not be responsible, and the bidder shall have no claim whatsoever for any interruption in power supply or voltage fluctuation or total cut off at the site. The bidder/firm must provide an alternative source of power, at his own cost, at the site for completion of the work. The bidder shall make his own arrangements for water to be used for the execution/Hydro-testing/ water tightness Test/ Curing, labour colony, Site Office etc.
23	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.
24	Tender quantities: <u>The advertised quantities in the tender documents are tentative and subject to increase or decrease, depending upon actual requirement at site as per the design and other considerations. The successful bidder shall have no claim/reservation on this account and the decision of the department shall be final and binding.</u>
25	Third Party Monitoring: The allotted works shall be subject to check by the third party monitoring agency (TPIQM) appointed by the Department. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery installed in each scheme. The TPIQM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the Contract during the Contract Period. 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.

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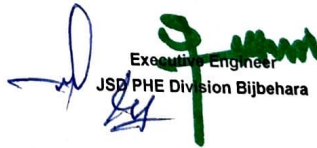
Chief Engineer Kmr PHE Department Srinagar for favour of information please.

District Dev. Commissioner Anantnag for favour of information please

Superintending Engineer Hyd. Circle nantang for favour of information

Assistant Executive Engineer PHE Sub-Division Pahalgam 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/Approved DPR in any case for which he shall be personally responsible and also circular circulated by Chief Engineer Kmr PHE Department vide endorsement No/CE/JSD/PS/40758-96 Dated: 03.02.2023.

Technical Officer Divisional Office for information


Executive Engineer
JSD PHE Division Bijbehara