

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

M/S Fayaz Ahmad Darzi

No/PHB: 1181-05

S/O Mohd Abdullah Darzi

Dated: 01-05-23

I/O Bijbehara

OST. No:-01AHPD3126E1Z4

Regd: 10/AAYSE/Hyd/Ang/2003-04

Tender ID: 2022_PHE_173726_13

Cost of L1Rs: 86.47 Lacs

Tentative Adv. Cost Rs: 83.15 Lacs

Subject:- Retrofitting of WSS Grendwan Including the Laying and fitting of pipes excluding the cost of pipes, construction of 0.15 lac gallons capacity SR, 3 No sludge chamber, Chain link fencing, Intake chamber, 1 no.spring protection and Improvements to the existing pipe network under JJM programe.

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: PIIB/2080-2100 Dated: 23.05.2022
 03. Read with date Extension No: PHB/2410-60 Dated: 28.05.2022
 2-4.DJMM /District Development Commissioner Anantnag's Au.horization No:DDCA/JJM/2022-23/3858-60 Dated: 30.07.2022, No/DDCA/DJMM/9413 Dt: 04.11.22 and No/DDCA/JJM/12613 Dated:03.02.2023
 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

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	36.46	Cum	539.35	19665
3	Ordinary Rock	54.69	Cum	855.65	46795
4	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				
5	All kinds of soil	3.40	Cum	81.65	278
6	Ordinary Rock	5.11	Cum	146.45	748
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	1413.20	Cum	436.00	616155
9	Ordinary Rock	1860.05	Cum	841.60	1565418
10	Providing and laying of dry stone solling tightly hand packed on horizontal levels.	25.07	Cum	1320.00	33092
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)	25.14	Cum	4861.62	122221
13	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	88.50	Cum	6465.20	572170
14	Providing and laying in position specified grade of reinforced cement concrete				
15	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	21.69	Cum	7800.76	169198
16	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.				
17	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	31.74	Cum	9408.14	298614
18	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				
19	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	2.90	Cum	9849.35	28563
20	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 : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	3.70	Cum	10404.52	38497
21	Centering and shuttering including strutting, propping etc. and removal of form for:				
22	Foundations, footings, bases of columns etc. for mass concrete.	357.70	Sqm	262.30	93825
23	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	303.83	Sqm	573.85	174353
24	Lintel, beams, plinth beams, girders, bressumers and cantilevers	11.31	Sqm	502.85	5687
25	Suspended floors, roofs, landings, balconies and access platforms.	28.97	Sqm	635.60	18413
26	Arches, domes, vaults upto 6 m span	29.58	Sqm	2086.80	61728
27	Extra for arches, domes, vaults exceeding 6 m span	29.58	Sqm	1008.45	29830
28	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
29	Foundation	1.35	Sqm	52.46	71

30	Walls	24.18	Sqm	114.77	2775
31	12mm Cement plaster finished with a floating coat of neat cement of mix:				
32	1:3 (1 cement: 3 fine sand)	288.02	Sqm	378.13	108908
33	12mm Cement plaster of mix:				
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	4794.00	kg	87.18	417941
38	P/F of 4 No. M.S lid, 10 no. MIS ventilators, 9 3No. MIS Ladders, sluice valves/ Gate valves required, bends/tees/nipples required for connecting the structures with the supply/ intake mains incl welding charges if required at site complete job	1.00	JOB	1000000.00	100000
39	P/ M of water proofing compound to cement concrete @ 1kg/50 kg of cement.	196.90	kg	57.90	11401
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)	2638.00	kg	1021.4	269445
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.	56.40	Sqm	1116.12	62949
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-in-charge. Made of G.I. wire of dia 4 mm	360.00	Sqm	806.85	290466
44	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	56.40	Sqm	59.50	3356
45	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
46	Two or more coats on new work	308.40	Sqm	121.95	37609
47	Filling available excavated earth (excld. 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 30 m. & lift upto 1.5 m.	4420.52	Cum	198.70	878357
48	Laying in position centrifugally cast (spun) Iron S&S or flanged pipes (excluding cost of pipe)	15.81	Qls	245.55	3882
49	100 mm dia	19.00	Joints	89.70	1704
50	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
51	15 mm dia G.I. pipes	900.00	Mtr.	20.25	18225
52	20 mm dia G.I. pipes	1330.00	Mtr.	20.25	26933
53	25 mm dia G.I. pipes	1150.00	Mtr.	30.65	35248
54	40 mm dia G.I. pipes	3420.00	Mtr.	40.80	139536
55	50 mm dia G.I. pipes	4350.00	Mtr.	40.80	177480
56	P/ of MS flanges 12MM thick to the G I pipe, including cost of flanges, welding charges and L/F charges complete.				
57	65 mm dia G.I pipe	303.00	Pairs	1200.00	363600
58	80 mm dia G.I pipe	33.00	Pairs	1400.00	46200
59	Providing/fixing of D/I/G.I bends, Tees, Unions, Elbows, Nipples etc.				
60	65 mm dia G.I bends/ tees	10.00	No.	900.00	9000
61	50 mm dia G.I bends/ tees	20.00	No.	800.00	16000
62	40 mm dia G.I unions	20.00	No.	400.00	8000
63	50 mm dia unions	15.00	No.	500.00	7500
64	65 mm dia unions	10.00	No.	650.00	6500
65	25 mm dia G.I unions	40.00	No.	300.00	12000
66	20/ 15 mm G.I unions	50.00	No.	250.00	12500
67	25/20/ 15 mm tees	50.00	No.	240.00	12000
68	40/25/20 mm elbows	70.00	No.	200.00	14000
69	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:				
70	15 mm to 40 mm nominal bore.	1100	Rmt	99.75	109725
71	Above 40 mm nominal bore	600	Rmt	110.65	66390
72	cost for making household connections to the uncovered households by way of laying concrete cover around the PSP including the cost of pipe specials required.	30	No	2000.00	60000
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	610	Sqm	228.55	139416
74	By Mechanical Transport including loading, unloading and stacking				

75	100 mm dia D.I / G.I Pipes (35 kms)				
76	Below 100 mm G.I Pipes (35 kms)	100	Rmt	12.04	1204
77	Cement and Steel (30 Kms)	39.96	MT	490.13	19586
78	Cement and Steel (35 Kms)	8.33	MT	445.96	3715
79	Cement and Steel (37 Kms)	33.66	MT	490.12	16497
80	Sand, stone aggregate below 40 mm nominal size (30 Kms)	23.37	MT	507.78	11867
81	Sand, stone aggregate below 40 mm nominal size (35 Kms)	22.38	Cum	501.65	11227
82	Sand, stone aggregate below 40 mm nominal size (37 Kms)	130.96	Cum	551.33	72202
83	Stone aggregate 40 mm nominal size and above (30 Kms)	64.01	Cum	571.26	36566
84	Stone aggregate 40 mm nominal size and above (35 Kms)	2.55	Cum	545.28	1390
85	Stone aggregate 40 mm nominal size and above (37 Kms)	10.86	Cum	599.28	6508
86	By Manual Labour including loading, unloading and stacking	9.22	Cum	620.87	5724
87	100 mm dia D.I / G.I Pipes (800 m)				
88	Below 100 mm G.I Pipes (800 m)	100	Rm	13.26	1326
89	Cement (1500 m)	39.96	MT	490.66	19607
90	Cement (800 m)	1.08	MT	638.83	690
91	Cement (400 m)	19.82	MT	389.11	7712
92	Cement (200 m)	23.33	MT	246.42	5749
93	Steel (1500 m)	7.3	MT	175.08	1278
94	Steel (800 m)	2.75	MT	1372.32	3774
95	Steel (400 m)	3.55	MT	835.87	2967
96	Steel (200 m)	6.5	MT	529.32	3441
97	Sand, stone aggregate below 40 mm nominal size (1500 m)	1.03	MT	376.05	387
98	Sand, stone aggregate below 40 mm nominal size (800 m)	3.65	Cum	1535.23	5604
99	Sand, stone aggregate below 40 mm nominal size (400 m)	71.01	Cum	895.41	63583
100	Sand, stone aggregate below 40 mm nominal size (200 m)	127.31	Cum	529.81	67450
101	Stone aggregate 40 mm nominal size and above (800 m)	22.36	Cum	347.00	7759
102	Stone aggregate 40 mm nominal size and above (400 m)	9.22	Cum	967.98	8925
103	Stone aggregate 40 mm nominal size and above (200 m)	10.86	Cum	572.75	6220
104	Stone Soling / Stones (800 m)	2.55	Cum	375.13	957
105	Stone Soling / Stones (400 m)	10.24	Cum	1053.38	10787
106	Stone Soling /Stones (200 m)	12	Cum	623.28	7479
		2.83	Cum	408.23	1155
Advertized Cost					8315000
Add @4.00% of all items					332000
Total Amount					8647000

Restricted an amount of Rs: 76.45 Lacs Seventy six Lac forty five thousand only as per the approved DPR cost

Rates & Qty Checked

Say Rs: 76.45 Lacs

Head Draftsman

Technical Officer

Executive Engineer

Jal Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 76.45 Lacs Seventy six Lac forty five thousand only as per the approved Accord of Administrative Approval.
2	The work shall have to be completed within a period of 90 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	The earnest money shall be deposited in the shape of CDR/FDR/BG within seven days after issuance of this allotment as per the terms and conditions of NIT/SBD.
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/Assistant 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	<p>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 IT:</p> <p>a) Terminate the contract after 15 days notice and/or</p> <p>b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department. and/or</p> <p>c) Recover the extra cost, if any, involved in allotting contract to other party. and/or</p> <p>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</p> <p>e) Forfeit the performance security and blacklist the firm</p>
10	<p>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 of 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.</p>
11	<p>Specifications of Job: Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s.</p>
12	<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. communications/ instructions.</p>
13	<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 allottee.</p>
14	<p>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.</p>
15	<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>
16	<p>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.</p>
17	<p>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.</p>
18	<p>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.</p>
19	<p>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.</p>
20	<p>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.</p>
21	<p>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.</p>
22	<p>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.</p>
23	<p>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.</p>
24	<p>Tender quantities: 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.</p>
25	<p>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.</p>
26	<p>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.</p>

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinagar for favour of Information please.
- 2 District Dev. Commissioner Anantnag for favour of Information please
- 3 Superintending Engineer Hyd. Circle nantang for favour of Information
- 4 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 03.02.2023.
- 6 Technical Officer Divisional Office for Information


 EXECUTIVE ENGINEER
 JSD PHE Division Bijbehara