

P-75  
Part 6th

Pathan 7/7/23  
2223

# OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBHARA

S/O Arshid Hussain Sofi

S/O Gh Nabi Sofi

R/O Uranhall

Regd No: PWDJNK-CONT-2023-9742

No/PHB: 10365-20

Dated: 06-03-2023

GST. No:-01FSOPSG249L1Z1

Tender ID: 2023\_PHE\_205781\_10

Adv. Cost Rs: 137.32 Lacs

Alloted Cost Rs: 142.81 Lacs

**Subject:-** Retrofitting of WSS Srechan including the Laying and fitting of pipes excluding the cost of pipes , construction of 0.40 lac gallons capacity SSF Plant , 0.20 lac gallons capacity SR, 3 No sluice chamber, Chain link fencing, Intake chamber, collection chamber, 2 no. spring protection, crate protection bund and improvements to the existing pipe network under JJM programme

**Reference** 1.In response to this office Fresh e-NIT No. 85 OF 2022-23 No: PHEB: 17163-83 Dated: 21.02.2023  
2-3.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 and No/DDCA/JJM/12613 Dated:03.02.2023

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 m <sup>2</sup> 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	665.33	Cum	539.35	358846
3	Ordinary Rock	620.67	Cum	855.65	531076
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	17.02	Cum	81.65	1390
6	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 )				
7	All kinds of soil	1576.46	Cum	436.00	687337
8	Ordinary Rock	994.91	Cum	841.60	837316
9	Providing and laying of dry stone solling tightly hand packed on horizontal levels.Incl. All carriages	58.14	Cum	1320.00	76745
10	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:				
11	I:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	52.63	Cum	4861.62	255867
12	I:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	105.33	Cum	6465.20	680980
13	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				
14	I:I½:3 (1 cement : I½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	106.43	Cum	7800.76	830235
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	I:I½:3 (1 cement : I½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	155.90	Cum	9408.14	1466729
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 centring, shuttering, finishing and reinforcement with				
18	I:I½:3 (1 cement : I½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.49	Cum	9849.35	54073
19	Reinforced cement concrete work in arches, archirbs, 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: I:I½:3 (1 cement : I½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	7.49	Cum	10404.52	77930
20	Centering and shuttering including strutting, propping etc. and removal of form for:				
21	Foundations, footings, bases of columns etc. for mass concrete.	199.46	Sqm	262.30	52318
22	Walls (any thickness) including attached pilasters, buttresses, plinth and	1149.36	Sqm	573.85	659560
23	Suspended floors, roofs, landings, balconies and access platforms.	38.35	Sqm	635.00	24352
24	Arches, domes, vaults upto 6 m span	59.89	Sqm	2086.80	124978
25	Extra for arches, domes, vaults exceeding 6 m span	39.81	Sqm	1008.45	40146
26	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
27	Foundation	2.68	Sqm	52.46	141
28	Walls	50.70	Sqm	114.77	5819
29	I2mm Cement plaster finished with a floating coat of neat cement of mix				
30	I: 3 (1 cement : 3 fine sand)	1100.00	Sqm	343.75	378125
31	I2mm Cement plaster of mix:				

32	1: 4 ( 1 cement : 4 coarse sand)	322.29	Sqm	241.75	77914
33	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
34	Hot rolled deformed bars	16800.00	kg	87.18	1464624
35	P/ M of water proofing compound to cement concrete @ 1kg/50 kg Of cement.	1218.00	kg	57.90	70522
36	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)	7775.00	kg	102.14	794139
37	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
38	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.	33.00	Sqm	858.55	28332
39	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	520.00	Sqm	733.50	381420
40	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
41	Two or more coats on new work	412.00	Sqm	121.95	50243
42	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.	3001.00	cft	250.00	750250
43	P/Laying of Baramullah slabs	710.00	Sm	180.00	127800
44	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.	2314.74	Cum	198.70	459939
45	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	140.00	Qtls	245.55	34377
46	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket.				
47	80mm dia	181.00	Joints	72	13032
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	600.00	Mtr.	20.25	12150
50	20 mm dia. G.I. pipes	2250.00	Mtr.	20.25	45563
51	25 mm dia. G.I. pipes	1800.00	Mtr.	30.65	55170
52	40 mm dia. G.I. pipes	2300.00	Mtr.	40.80	93840
53	50 mm dia. G.I. pipes	1200.00	Mtr.	40.80	48960
54	Providing / fixing of D.I/G.I bends ,Tees, Unions, Elbows, Nipples etc.				
55	65/80 mm dia GI bends/ tees	12.00	No.	900.00	10800
56	50 mm dia G.I bends/ tees	10.00	No.	800.00	8000
57	40 mm dia G.I unions	12.00	No.	400.00	4800
58	50 mm dia unions	6.00	No.	500.00	3000
59	65 mm dia unions	4.00	No.	650.00	2600
60	25 mm dia G.I unions	30.00	No.	300.00	9000
61	20/ 15 mm GI unions	45.00	No.	250.00	11250
62	25/20/ 15 mm tees	40.00	No.	240.00	9600
63	40/25/20 mm elbows	40.00	No.	200.00	8000
64	P/f o f MS flanges to the G I pipe , including cost of flanges, welding charges and L/F charges complete.				
65	65 mm dia GI pipe	299.00	Pairs	1000.00	299000
66	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 :				
67	15 mm to 40 mm nominal bore.	850	Rmt	99.75	84788
68	Above 40 mm nominal bore	700	Rmt	110.65	77455
69	Hand-packing stones in wire-crates; excluding cost of crates and stones	42.75	Cum	337.45	14426
70	Engagement of Labours 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.	119.00	Lab	503.00	59857
71	Providing flanged joints to double flanged G.I. / C.I. / D.I pipes and specials including testing to joints for connecting Main supply with S.R. Plant, Wash outs, sluice Chambers				
72	Nipples	3.00	No	300.00	900
73	Providing and laying S&S C.I. Standard specials such as tees, bends, collars tapers and caps etc, suitable for flanged jointing as per IS : 1538 Upto 300 mm dia.	1.33	Qti	7408.95	9854

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74	Supplying Generator with Welding machine for welding with trolley to site of work for connecting and fabrication of M.S Bends/Tees/Collars/Tail Pieces	1.00	Day	8000.00	8000
75	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately)	4.00	No	4597.85	18391
76	Making knitted wire crates of approved mesh-size; including weaving, binding sides and partitions, and binding top after filling; excluding cost of filling, stones and weaving materials	23.73	Sqm	84.45	2004
77	Cost of wire Crates (100 mm x 100 mm Aperture, 4mm dia mild steel wire ) including all carriages (H.l +M.T)	15	Qty	4800.00	72000
78	By Mechanical Transport including loading, unloading and stacking				
79	Below 100 mm G.I Pipes ( 35 kms)	24.05	MT	490.13	11788
80	Cement and Steel (37 Kms)	331.48	MT	507.78	168320
81	Sand, stone aggregate below 40 mm nominal size (37 Kms)	448.56	Cum	571.26	256244
82	Stone aggregate 40 mm nominal size and above ( 37 Kms)	47.23	Cum	620.87	29324
83	By Manual Labour including loading, unloading and stacking				
84	Below 100 mm G.I Pipes (2000 m )	24.05	MT	805.58	19374
85	Cement/ Steel (300 m )	3.265	MT	210.75	688
86	Cement/ Steel (700 m )	37.93	MT	353.44	13406
87	Cement/ Steel (1600 m )	4.96	MT	674.50	3346
88	Sand, stone aggregate below 40 mm nominal size (300 m )	7.73	Cum	438.40	3389
89	Sand, stone aggregate below 40 mm nominal size (700 m )	104.97	Cum	803.97	84392
90	Sand, stone aggregate below 40 mm nominal size (1600 m )	12.43	Cum	1626.68	20220
91	Stone aggregate 40 mm nominal size and above ( 300 m )	0.27	Cum	473.94	128
92	Stone aggregate 40 mm nominal size and above ( 1600 m )	0.54	Cum	1758.44	950
93	Stone aggregate 40 mm nominal size and above ( 700 m )	14.69	Cum	869.17	12768
94	Cement/ Steel (1000m )	99.2	MT	310.70	30821
95	Sand, stone aggregate below 40 mm nominal size (1000m)	307.9	Cum	529.80	163125
96	Stone aggregate 40 mm nominal size and above ( 1000m)	30.38	Cum	572.71	17399
97	Stone Soling (1000 )	33.69	Cum	623.27	20998
98	Cement/ Steel (2000m )	6.09	MT	817.19	4977
99	Sand, stone aggregate below 40 mm nominal size (2000m)	16.21	Cum	1992.00	32290
100	Stone aggregate 40 mm nominal size and above ( 2000m)	1.48	Cum	2152.00	3185
101	Stone Soling (2000 )	1.65	Cum	2343.00	3866
102	Stone Soling (300 m )	0.60	Cum	515.75	309
103	Stone Soling /Stones (1600 m )	0.60	Cum	1913.58	1148
104	Stone Soling /Stones (700 m )	17.10	Cum	945.88	16174
<b>Advertized Cost</b>					13732000
Add @ 4.00% of all items					549280
<b>Total Amount</b>					14281280
Say Rs: 142.81 Lacs					

Rates & Qty Checked

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. 142.81 Lacs One Crore forty two Lac eighty one thousand only
2	The work shall have to be completed within a period of 150 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 FDR NO:538672 Dated:10.03.2023 Rs:430000/- successful completion of the work and expiry of defect clause.
4	<b>Client/Paying Authority:</b> 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	<b>Terms of Payment:</b> 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	<b>Warranty:</b> 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 or 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	<b>Trial Run:</b> 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	<b>Defects Liability Period (DLP):</b> 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	<b>Liquidated damages (LD)</b> <i>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:</i> 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	<b>Force Majeure:</b> <i>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.</i>
11	<b>Specifications of job:</b> <i>Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s.</i>
12	<b>Bidder Dying, Becoming Insolvent Or Imprisoned:</b> <i>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.</i>
13	<b>Safety of Govt. Infrastructures:</b> <i>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.</i>
14	<b>Allottee's risk and insurance:</b> <i>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.</i>
15	<b>Work under Bidders Charge:</b> <i>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.</i>
16	<b>Setting Out of Works:</b> <i>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.</i>
17	<b>Labour:</b> <i>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.</i>
18	<b>Storage at Site:</b> <i>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.</i>
19	<b>Watch &amp; Ward of Works:</b> <i>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.</i>
20	<b>Final Acceptance:</b> <i>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.</i>
21	<b>Cleaning Up:</b> <i>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.</i>
22	<b>Power and Water Supply:</b> <i>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&amp;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.</i>
23	<b>Agreement:</b> <i>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.</i>
24	<b>Tender quantities:</b> <i>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.</i>
25	<b>Third Party Monitoring:</b> <i>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.</i>
26	<i>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.</i>

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 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.
- 6 Technical Officer Divisional Office for Information

  
 Executive Engineer  
 JSD PHE Division Bijbehara