

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

Mohmad Amin Tantray	No/PHE: 4753-56
S/o Haji Abdul Gaffar Tantray	Dated: 07-7-2023
R/o Guree Bijbheara	GST. No:- 01AGYPT4364J1ZS

Regd. No:- CE-R&B-K-03A CLASS-CIVIL-2007-08

Tender ID: 2022_PHE_197627_2

Adv. Cost Rs: 140.26 Lacs

Alloted Cost Rs:145.86 Lacs

Subject:- Construction of 0.50 lac Galloons SSFP, 0.30 lac Gallons SSFP, 0.25 Lac Gallons SR, 0.15 lac Gallons SR, intake Works 2 No, Sluice Chamber, Chain Linck fencing around various structures and laying fitting of RWM, Supply main, Sub main and distribution system for WSS Dandipora under JJM

Reference

1. Your tender received in response to this office : e-NIT No.60 OF 2022-23 issued under NO/PHE/12372-91 Dated: 26.11-2022

02-4. DJJM /District Development Commissioner Anantnag's Authorization 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. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/8445 Dt: 10.11.2022

07. Executive Engineer Jal Shakti PHE Division Bijbehara's Letter Of Intent No. PHEB/16894-98 Dated:- 16.02.2023

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 ² 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	719.25	Cum	539.35	387927.488
3	Ordinary Rock	310.09	Cum	855.65	265328.509
4	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)				
5	All kinds of soil	3370	Cum	436	1469320
6	Providing and laying of dry stone solling tightly hand packed on horizontal levels.	77.97	Cum	616.4	48060.708
7	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material : All kinds of soil :	20	Cum	81.65	1633
8	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:				

[Handwritten Signature]

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9	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	45.82	Cum	4861.615	222759.199
10	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	140.22	Cum	5437.74	762479.903
11	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				
12	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	5.69	Cum	6978	39704.82
13	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	73.24	Cum	7800.06	571276.394
14	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.				
15	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	132.42	Cum	9408.135	1245825.237
16	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				
17	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	13.09	Cum	9849.345	128927.926

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18	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)	9.95	Cum	10404.515	103524.924
19	Centering and shuttering including strutting, propping etc. and removal of form for:				
20	Foundations, footings, bases of columns etc. for mass concrete.	547.61	Sqm	262.3	143638.103
21	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	1183.54	Sqm	573.85	679174.429
22	Lintel, beams, plinth beams, girders, bressumers and cantilevers	37.1	Sqm	502.85	18655.735
23	Columns, pillars, piers, abutments, posts and struts.	10.8	Sqm	680.15	7345.62
24	Suspended floors, roofs, landings, balconies and access platforms.	57.22	Sqm	635.6	36369.032
25	Edges of slabs and breaks in floors and walls Under 20 cm wide	76.26	Rm	242.3	18477.798
26	Arches, domes, vaults upto 6 m span	70.59	Sqm	2086.8	147307.212
27	Extra for arches, domes, vaults exceeding 6 m span	39.82	Sqm	1008.45	40156.479
28	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
29	Foundation	21.13	Sqm	52.46	1108.48
30	Walls	261.44	Sqm	114.77	30005.469
31	Beams	27.49	Sqm	100.57	2764.669
32	12mm Cement plaster finished with a floating coat of neat cement of mix:				
33	1 : 3 (1 cement : 3 fine sand)	871.56	Sqm	343.75	299598.75
34	12mm Cement plaster of mix:				
35	1 : 4 (1 cement : 4 fine sand)	293.58	Sqm	260.05	76345.479
36	1 : 6 (1 cement : 6 fine sand)	168.7	Sqm	241.75	40783.225
37	P/F of PGI Sheets 15cm width at joints.	60	Mtr.	90	5400

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38	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	18.9	Sqm	4352.95	82270.755
39	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
40	TMT	20674.25	kg	87.175	1802277.744
41	Providing/incorporating GP sheet strips water seal 0.63 mm thick at constt joints incld jointing of ends so as to form a contineous berries	69.55	sqm	800	55640
42	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.				
43	80 mm dia Sluice valve	2	No	10815	21630
44	100 mm dia Sluice valve	15	No	13165	197475
45	P/ M of water proofing compound to cement concrete @ 1kg/50 kg Of cement.	1482	kg	57.9	85807.8
46	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)	995	kg	102.13	101619.35
47	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.	2858.29	kg	91.025	260175.847
48	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	Sqm	733.5	264060
49	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				

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50	Two or more coats on new work	360	Sqm	121.95	43902
51	Providing/ laying of Baramullah slab	114.12	Sqm	2150	245358
52	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.	136.94	cum	10600	1451564
53	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.	3313.34	Cum	198.7	658360.658
54	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	692.8	Qtls	245.55	170117.04
55	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.				
56	150 mm dia	91	Joints	144.7	13167.7
57	100 mm dia	655	Joints	89.7	58753.5
58	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
59	15 mm dia. G.I. pipes	2000	Mtr.	20.25	40500
60	20 mm dia. G.I. pipes	2500	Mtr.	20.25	50625
61	25 mm dia. G.I. pipes	1000	Mtr.	30.65	30650
62	40 mm dia. G.I. pipes	1000	Mtr.	40.8	40800
63	50 mm dia. G.I. pipes	1000	Mtr.	40.8	40800
64	80 mm dia GI pipe	1000	Mtr.	73.05	73050
65	P/f o f MS flanges to the G I pipe , including cost of flanges, welding charges and L/F charges complete.				
66	100 mm dia G.I pipe	40	Pairs	1500	60000
67	Engagement of labours for taking out the filter media from filter bed., washing, screening, grading of filter media	20	Lab	503	10060
68	Providing and fixing of MS Pipes/steel bars/angle including flunges, fabrication of MS bends,tees,steel door and stair using welding machine/genset at site complete.	300	kg	175	52500

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69	Providing/fabrication of MS bends, as per site requirement including cost of welding, Mild steel and all carriages up to site of work complete at spots.	300	kg	120	36000
70	By Mechanical Transport including loading, unloading and stacking				
71	150 mm dia D.I / G.I Pipes (45 kms)	500	Mt	23.7	11850
72	100 mm dia D.I / G.I Pipes (45 kms)	3600	Mt	14.22	51192
73	Cement and Steel (50 Kms)	34.02	MT	622.6	21180.852
74	Cement and Steel (35Kms)	144.4	MT	419.11	60519.484
75	Sand, stone aggregate below 40 mm nominal size (70 Kms)	104.5	Cum	899.09	93954.905
76	Sand, stone aggregate below 40 mm nominal size (35 Kms)	94.58	Cum	551.33	52144.791
77	Sand, stone aggregate below 40 mm nominal size (50 Kms)	239.95	Cum	700.37	168053.782
78	Stone aggregate 40 mm nominal size and above (50 Kms)	23.86	Cum	761.25	18163.425
79	Stone aggregate 40 mm nominal size and above (35 Kms)	127.96	Cum	599.27	76682.589
80	Stone Soling (15Kms)	60.17	Cum	401.83	24178.111
81	By Manual Labour including loading, unloading and stacking				
82	150 mm dia D.I / G.I Pipes (500 m)	500	Rm	22.1	11050
83	100 mm dia D.I / G.I Pipes (500 m)	3600	Rm	9.61	34596
84	Below 100 mm G.I Pipes (500 m)	27.83	MT	355.695	9898.992
85	Cement (500 m)	35.06	MT	282.09	9890.075
86	Steel (500 m)	28.31	MT	605.95	17154.445
87	Sand, stone aggregate below 40 mm nominal size (500 m)	88.17	Cum	621.2	54771.204
88	Stone aggregate 40 mm nominal size and above (500 m)	97.94	Cum	671.48	65764.751
89	Stone Soling /Stones (500 m)	28.15	Cum	730.8	20572.02
90	Cement (900 m)	99.59	MT	424.78	42303.84
91	Steel (900 m)	16.16	MT	912.5	14746
92	Sand, stone aggregate below 40 mm nominal size (900 m)	318.18	Cum	986.81	313983.206
93	Stone aggregate 40 mm nominal size and above (900 m)	53.88	Cum	1066.786	57478.43
94	Stone Soling /Stones (900 m)	47.05	Cum	1160.902	54620.439
Total Amount (A)					14025812.32
(B) Add @4.0% of all items					561032.49
Alloted Cost (A+B)					14586844.81
Say Alloted Cost Rs					145.86 lacs

Rates & Qty Checked


Head
Draftsman


Technical Officer


Executive Engineer
Jal Shakti PHD Division Bijbehara

subject:-

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Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 145.86 lacs One Crore forty five lac and eighty six thousand only
2	The work shall have to be completed within a period of 120 days from the date of issuance of this allotment order falling which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Earnest money deposited by you vide CDR NO: 3564158 Dt: 6.6.2023 Rs 4,35,250/- JK Bank Veerl 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/Assitant 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 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.
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.
14	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.

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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.
26	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 Srinagar for favour of information please.
- 2 District Dev. Commissioner Anantnag for favour of information please
- 3 Superintending Engineer Hyd. Circle Anantnag for favour of information
- 4 Assistant Executive Engineer PHE Sub - Division Kokernag 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.
- 6 Technical Officer Divisional Office for information
- 7 File Concerned

Executive Engineer
PHE Division Bijbehara