

4/2022-23 Pathaym JJM

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBHARA

M/S Gulzar and Co	No/PHB:	10144-49
Prop: Gulzar Ahmad Dar		
S/O Ghulam Qadir Dar	Dated:	15-10-2022
R/O Brinty Batpora	GST. No:-	01BWOPD7433F1ZT

Regd: 250/SE/Hyd/AAY/Hand/2002-03

Tender ID: 2022_PHE 183451_4

Adv. Cost Rs: 101.38 Lacs

Alloted cost Rs: 96.57 Lacs

Subject:-	Retro fitting of WSS Panzmulla including Laying/ fitting of pipes, Construction of SR, Slow Sand Filtration Plant , Sluice Chambers and Chain Link Fencing under JJM
Reference	<p>1 Your tender received in response to this office Fresh enit. No: 35 of 2022-23 dated: 10.08.2022. issued under No: PHB/7064-85 Date: 10.08.2022</p> <p>02. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3558-60 Dated: 30.07.2022</p> <p>03. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4590 Dated: 03.08.2022</p> <p>04. This office Letter of intent No/PHB/8111-18 Dated: 30.08.2022</p>

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

Sl.No	Description of Work / Item(s)	Qty	Units	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.				
1.1	All kinds of soil	131.21	Cum	539.35	70768
1.2	Ordinary Rock	157.62	Cum	855.65	134868
2	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 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.				
2.1	All kinds of soil	131.21	Cum	188.75	24766
2.2	Ordinary Rock	157.62	Cum	378.35	59636
3	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				
3.1	All kinds of soil	3.40	Cum	81.65	278
3.2	Ordinary Rock	5.11	Cum	146.45	748
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)				
4.1	All kinds of soil	1049.73	Cum	436.00	457682
4.2	Ordinary Rock	1261.01	Cum	841.60	1061266
5	Providing and laying of dry stone soling tightly hand packed on horizontal levels.	36.89	Cum	616.40	22739
6	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
6.1	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	36.96	Cum	4861.62	179685
6.2	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	64.78	Cum	6465.20	418816
7	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				

7.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	56.60	Cum	7800.76	441523
8	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement.				
8.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	80.06	Cum	9408.14	753216
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with				
9.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.49	Cum	9849.35	54073
10	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	3.70	Cum	10404.52	38497
11	Centering and shuttering including strutting, propping etc. and removal of form for:				
11.1	Foundations, footings, bases of columns etc. for mass concrete.	198.37	Sqm	262.30	52032
11.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	719.81	Sqm	573.85	413063
11.3	Suspended floors, roofs, landings, balconies and access platforms.	38.35	Sqm	635.60	24375
12	Edges of slabs and breaks in floors and walls				
12.1	Arches, domes, vaults upto 6 m span	29.58	Sqm	2086.80	61728
12.2	Extra for arches, domes, vaults exceeding 6 m span	29.58	Sqm	1008.45	29830
13	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
13.1	Foundation	1.35	Sqm	52.46	71
13.2	Walls	24.18	Sqm	114.77	2775
14	12mm Cement plaster finished with a floating coat of neat cement of mix:				
14.1	1 : 3 (1 cement : 3 fine sand)	833.15	Sqm	378.13	315035
14.2	12mm Cement plaster of mix:				
14.3	1 : 4 (1 cement : 4 coarse sand)	90.00	Sqm	286.06	25745
14.4	1 : 6 (1 cement : 6 fine sand)	155.40	Sqm	265.93	41325
15	Providing and Fixing of Minimum 5 no. M.S lid / 4 No. M.S ventilators , 6 No. M.S Ladders , Sluice Valves / Gate Valves (whatever is required at site for connecting) , bends, Tees/ Nipples required for connecting the structures with the supply / intake mains includung welding charges (whatever needed at site) (complete job)	1.00	Job	125000.00	125000
16	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
16.1	Hot rolled deformed bars	12840.00	kg	87.18	1119327
17	P/ M of water proofing compound to cement concrete @ 1kg/50 kg Of cement.	1022.89	kg	57.90	59225



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18	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)	5470.00	kg	102.14	558706
19	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.	2459.00	kg	91.03	223830
20	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	944.41	151105
21	Painting of truss with ready mixed paint incl Primer coat	160.00	Sqm	200.00	32000
22	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	180.00	Sqm	806.85	145233
23	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
23.1	Two or more coats on new work	126.00	Sqm	121.95	15366
24	Providing/laying of Baramulla Slabs	710.05	sft	180.00	127809
25	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 Nullah & the size of gravel should vary from 2mm to 40mm incl all carriages complete.	2796.55	cft	300.00	838965
26	interconnecting of filtration plant with SR and Sluice Chamber	1.00	No.	45000.00	45000
27	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.	1741.00	Cum	198.70	345937
28	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	284.58	Qtl	245.55	69879
29	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.				
29.1	100 mm dia	327.27	Joints	89.70	29356
30	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
30.1	15 mm dia. G.I. pipes	1000.00	Mtr.	20.25	20250
30.2	20 mm dia. G.I. pipes	1800.00	Mtr.	20.25	36450
30.3	25 mm dia. G.I. pipes	1500.00	Mtr.	30.65	45975
30.4	40 mm dia. G.I. pipes	1000.00	Mtr.	40.80	40800
30.5	50 mm dia. G.I. pipes	300.00	Mtr.	40.80	12240
31	P/f o f MS flanges to the G I pipe , including cost of flanges, welding charges and L/F charges complete.				
31.1	65 mm dia GI pipe	71.00	Pairs	1200.00	85200
31.2	80 mm dia G.I. pipe	54.00	Pairs	1400.00	75600
32	Providing / fixing of D.I/G.I bends ,Tees, Unions, Elbows, Nipples etc.				
32.1	100 mm dia D.I bends/tees	25.00	No.	1500.00	37500
32.2	80 mm dia Di bends / tees	15.00	No.	1300.00	19500
32.3	80 mm dia G.I bends / tees	30.00	No.	1200.00	36000
32.4	65 mm dia GI bends/ tees	10.00	No.	900.00	9000
32.5	50 mm dia G.I bends/ tees	20.00	No.	800.00	16000

New

32.6	40 mm dia G.I unions	20.00	No.	400.00	8000
32.7	50 mm dia unions	15.00	No.	500.00	7500
32.8	65 mm dia unions	10.00	No.	650.00	6500
32.9	25 mm dia G.I unions	50.00	No.	300.00	15000
32.10	20/ 15 mm GI unions	100.00	No.	250.00	25000
32.11	25/20/ 15 mm tees	190.00	No.	240.00	45600
32.12	40/25/20 mm elbows	200.00	No.	200.00	40000
33	By Mechanical Transport including loading, unloading and stacking				
33.1	100 mm dia D.I / G.I Pipes (35 kms)	1800.00	Rmt	12.05	21690
33.2	Below 100 mm G.I Pipes (35 kms)	15.40	MT	490.13	7548
33.3	Cement and Steel (20 Kms)	107.71	MT	357.64	38521
33.4	Sand, stone aggregate below 40 mm nominal size (20 Kms)	307.42	Cum	402.29	123672
33.5	Stone aggregate 40 mm nominal size and above (20 Kms)	33.26	Cum	437.30	14545
33.6	Stone Soling (20 Kms)	36.89	Cum	473.25	17458
34	By Manual Labour including loading, unloading and stacking				
34.1	100 mm dia D.I / G.I Pipes (1600 m)	1800.00	Rm	22.98	41364
34.2	Below 100 mm G.I Pipes (1000 m)	15.40	MT	580.64	8942
34.3	Cement (200 m)	86.25	MT	175.08	15101
34.4	Steel (200 m)	21.46	MT	376.05	8070
34.5	Sand, stone aggregate below 40 mm nominal size (200 m)	307.42	Cum	347.00	106675
34.6	Stone aggregate 40 mm nominal size and above (200 m)	33.25	Cum	375.13	12473
34.7	Stone Soling /Stones (200 m)	36.89	Cum	408.23	15060
35	Dismantalling of public utilities like paths , link roads, shifting of poles, etc by engagement of labours and disposal of same.	105.00	Lab	691.00	72555
			Total		9657064
			Say Rs:		96.57 Lacs

Rates & Qty Checked

Head
Draftsman

Technical Officer

Er. Ashish Sharma

Executive Engineer

Jal Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 96.57 Lacs (Rupees Ninety six Lac fifty seven thousand) only as per approved budget of D.R.R.)
2	The work shall have to be completed within a period of 120 working days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Earnest money deposited by you vide C DR NO:3090837 DT:20.08.2022 RS: 120000/- and No:3090831 Dated: .16.08.2022 Rs:82500/- 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/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.

	<p>Trial Run: After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.</p>
8	<p>Defects Liability Period (DLP): The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run. 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.</p>
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 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.</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 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.</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>

	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: 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.
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 Bijbehara 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 in any case for which he shall be personally responsible.
- 6 Technical Officer Divisional Office for information
- 7 File Concerned



Executive Engineer
JSD PHE Division Bijbehara