

P-140
II 2022-23
Pahalgam JJM
22-23

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

M/S Mohammad Ayoub Kuchay	No/PHB: 9716-20
S/O Ab Sattar Kuchay	Dated: 9716-06-10-2022
R/O Tarbal Nawkadal Srinagar	GST. No:- 01ALPPK0278G1Z9

Regd. No:- CE (R&B) K-06/AAV Class-Civil/97-98

Tender ID: 2022_PHE_173889_3

Adv. Cost Rs: 166.73 Lacs

Alloted cost Rs: 134.16 Lacs

Subject:- Retrofitting of WSS Indren Gradbader including laying/ fitting of pipes, Construction of SR, Sluice chambers, SSF Plant, Intake Chamber, Improvements to the Existing Pipe Network and Chain Link Fencing under JJM

- Reference**
1. Your tender received in response to this office Fresh: e-NIT No. 25 OF 2022-23 NO/PHE/ 3100-20 Dated: 13-06-2022
 02. Read with Corrigendum No: /PHB/3776-96 Dated: 28.06.2022
 03. Read with Corrigendum NO/PHB/4323-43 Dated: 05.07.2022
 04. Read with date Extension NO/PHB/4471-95 Dated: 12.07.2022
 05. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3558-60 Dated: 30.07.2022
 06. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4590 Dated: 03.08.2022
 07. Superintending Engineer Hyd.Circle Anantnag's Letter No:SE/Hyd/7055 Dated: 26.09.2022
 08. Superintending Engineer Hyd.Circle Anantnag's Letter of intent No:SE/Hyd/6360-63 Dated: 16.09.2022
 09. Read with corrigendum No: SE/Hyd/Ang/6473--76 Dt: 14.09.2022

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 :-

SI.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.				
1.1	All kinds of soil	585.05	Cum	539.35	315547
1.2	Ordinary Rock	503.57	Cum	855.65	430880
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 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				
2.1	All kinds of soil	373.27	Cum	188.75	70455
2.2	Ordinary Rock	240.80	Cum	378.35	91107
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	52.60	Cum	81.65	4295
3.2	Ordinary Rock	37.90	Cum	146.45	5550
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	1493.08	Cum	436.00	650983
4.2	Ordinary Rock	963.21	Cum	841.60	810638
5	Providing and laying of dry stone solling tightly hand packed on horizontal levels.	58.70	Cum	1320.00	77484
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)	50.49	Cum	4861.62	245463
6.2	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	145.33	Cum	6465.20	939588
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)	68.46	Cum	7800.76	534040
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)	92.48	Cum	9408.14	870065
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)	12.24	Cum	9849.35	120556
10	Reinforced cement concrete work in arches, archribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five 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)	4.98	Cum	10404.52	51815
10.1	Centering and shuttering including strutting, propping etc. and removal of form for:				
10.2	Foundations, footings, bases of columns etc. for mass concrete.	374.94	Sqm	262.30	98347
10.3	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	831.01	Sqm	573.85	476875
10.4	Lintel, beams, plinth beams, girders, bressumers and cantilevers	13.01	Sqm	502.85	6542
10.5	Suspended floors, roofs, landings, balconies and access platforms.	86.35	Sqm	731.75	63187
10.6	Edges of slabs and breaks in floors and walls				
10.7	Arches, domes, vaults upto 6 m span	39.81	Sqm	2086.80	83076
10.8	Extra for arches, domes, vaults exceeding 6 m span	39.81	Sqm	1008.45	40146
11	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
11.1	Foundation	1.52	Sqm	52.46	80
11.2	Walls	27.63	Sqm	114.77	3171
11.3	Beams	2.60	Sqm	100.57	261
12	12mm Cement plaster finished with a floating coat of neat cement of mix:				
12.1	1 : 3 (1 cement : 3 fine sand)	1048.18	Sqm	378.13	396343
12.2	12mm Cement plaster of mix:				
12.3	1 : 4 (1 cement : 4 coarse sand)	180.00	Sqm	286.06	51490
12.4	1 : 6 (1 cement : 6 fine sand)	142.29	Sqm	265.93	37838
13	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	845.00	Sqm	265.93	224707
14	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
14.1	Hot rolled deformed bars	15224.00	kg	87.18	1327152

15	Providing and Fixing of Minimum 5 no. M.S lid / 4 No. M.S ventilators , 5 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 including welding charges (whatever needed at site) (complete job)	1.00	JOB	80000.00	80000
16	P/ M of water proofing compound to cement concrete @ 1kg/50 kg Of cement.	1062.09	kg	57.90	61495
17	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
18	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	447661
19	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
20	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
21	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
21.1	Two or more coats on new work	412.00	Sqm	121.95	50243
22	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	280.00	783034
23	Providing/ Laying of Baramullah slabs	710.00	Sft	180.00	127800
24	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.	2671.22	Cum	198.70	530771
25	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	395.25	Qtls	245.55	97054
26	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.				
26.1	100 mm dia	477.00	Joints	89.70	42787
27	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
27.1	15 mm dia. G.I. pipes	400.00	Mtr.	20.25	8100
27.2	20 mm dia. G.I. pipes	1530.00	Mtr.	20.25	30983
27.3	25 mm dia. G.I. pipes	1150.00	Mtr.	30.65	35248
27.4	40 mm dia. G.I. pipes	1200.00	Mtr.	40.80	48960
27.5	50 mm dia. G.I. pipes	1400.00	Mtr.	40.80	57120
28	P/f of MS flanges to the G I pipe , including cost of flanges, welding charges and L/F charges complete.				
28.1	65 mm dia GI pipe	297.00	Pairs	1200.00	356400
28.2	80 mm dia GI pipe	178.00	Pairs	1400.00	249200
29	Providing / fixing of D.I/G.I bends ,Tees, Unions, Elbows, Nipples etc.				
29.1	100 mm dia D.I bends/tees	7.00	No.	1500.00	10500
29.2	80 mm dia Di bends / tees	10.00	No.	1300.00	13000
29.3	80 mm dia G.I bends / tees	20.00	No.	1200.00	24000
29.4	65 mm dia GI bends/ tees	20.00	No.	900.00	18000
29.5	50 mm dia G.I bends/ tees	12.00	No.	800.00	9600
29.6	40 mm dia G.I unions	6.00	No.	400.00	2400
29.7	50 mm dia unions	12.00	No.	500.00	6000
29.8	65 mm dia unions	6.00	No.	650.00	3900
29.9	25 mm dia G.I unions	50.00	No.	300.00	15000

29.10	20/ 15 mm GI unions				
29.11	25/20/ 15 mm tees	60.00	No.	250.00	15000
29.12	40/25/20 mm elbows	130.00	No.	240.00	31200
30	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 :	150.00	No.	200.00	30000
30.1	15 mm to 40 mm nominal bore.	1100.00	Rmt	99.75	109725
30.2	Above 40 mm nominal bore	700.00	Rmt	110.65	77455
30.3	Hand-packing stones in wire-crates; excluding cost of crates and stones	71.25	Cum	337.45	24043
31	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.	356.00	Lab	691.00	245996
32	Cost of wire Crates (100 mm x 100 mm Aperture, 4mm dia mild steel wire) including all carriages (H.I +M.T)	2654.00	sft	35.00	92890
33	By Mechanical Transport including loading, unloading and stacking				
33.1	100 mm dia D.I / G.I Pipes (35 kms)	2500.00	Rmt	12.04	30100
33.2	Below 100 mm G.I Pipes (35 kms)	25.64	MT	490.13	12567
33.3	Cement and Steel (35 Kms)	137.14	MT	490.12	67215
33.4	Sand, stone aggregate below 40 mm nominal size (35 Kms)	399.90	Cum	551.33	220477
33.5	Stone aggregate 40 mm nominal size and above (35 Kms)	45.44	Cum	599.28	27231
33.6	Stone Soling / Stones (35 Kms)	51.20	Cum	648.68	33212
34	By Manual Labour including loading, unloading and stacking				
34.1	100 mm dia D.I / G.I Pipes (900 m)	2500.00	Rm	14.47	36175
34.2	Below 100 mm G.I Pipes (600 m)	25.62	MT	469.55	12030
34.3	Cement (600m)	107.58	MT	317.77	34186
34.4	Steel (600 m)	13.40	MT	682.59	9147
34.5	Sand, stone aggregate below 40 mm nominal size (600 m)	399.90	Cum	712.66	284993
34.6	Stone aggregate 40 mm nominal size and above (600 m)	30.38	Cum	770.39	23404
34.7	Stone aggregate 40 mm nominal size and above (900 m)	4.39	Cum	1066.79	4683
34.8	Stone Soling (600 m)	50.78	Cum	838.35	42571
34.9	Stone Soling /Stones (2000 m)	4.20	Cum	2343.70	9844
35	Dismantling of public utilities like paths , link roads, shifting of poles, etc by engagement of labours and disposal of same.	125.00	Cum	691.00	86375
Total Cost					13692623
Deduct @ 2.02% for all items rates quoted by the bidder					276591
Total					13416032
Say Rs:					134.16 acs

Rates & Qty Checked

Head

Draftsman

Technical Officer

Er. Anshu Sharma
Executive Engineer

Jal Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 134.16 Lacs (Rupees One Crore thirty four Lac sixteen thousand only) only
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 F DR NO: 133304DT: 20.07.2022 RS:333460/- and - successful completion of the work and expiry of defect clause.

4	<p>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</p>
5	<p>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%.</p>
6	<p>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 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>
7	<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:</p> <p>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 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/Hydra 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: <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></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 :-

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

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District Dev. Commissioner Anantnag for favour of information please
Superintending Engineer Hyd. Circle Bijbehara 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 in any case for which he shall be personally responsible.
Technical Officer Divisional Office for information
File Concerned


Executive Engineer
JSD PHE Division Bijbehara