Jammu & Kashmir

OFFICE OF THE EXECUTIVE ENGINEER PHE DIVISION SOPORE No:- 376-03 Dated:-08-04-2023

M/s Mir and Co.

Prop: Mohmmad Farooq Mir

S/o: Ab Rahim Mir

R/o: Gasoo Tailbal Srinagar

Reg. No.: 224/A/CE/KC/PDC of 7997-98

Subject: - Construction/Testing/Commissioning of Filtration Plant's along with

allied works in different Divisions/ Districts of Kashmir Province

under Jal Javeen Mission.

1. Your on-line tender received in response to the E-NIT No: 132 of 2021-22 Ref: dated: 08-03-2022 issued under endorsement No: CEPHE/Kmr/JSD/44105-56 dated: 08-03-2022 and up-loaded on tender portal with tender ID from

2022_PHE_163566_1 to 271 and with minutes of pre-bid meeting and

corrigendum No: I and II.

2. Chief Engineer Kashmir Jal Shakti PHE Department Srinagar's letter No:

CE/PHE/JJM/7117-7163 dated: 06-06-2022.

3. Superintending Hyd. Circle Sopore's authorization issued order No:

SE/Hyd./DB/3905-17 dated: 16-07-2022.

4. This office letter of intent issued under No: 3229-34 dated: 20-07-2022

For and on behalf of Lt. Governor of Jammu and Kashmir Union Territory, contract for the work namely "Construction and successful Testing and Commissioning of 0.15 MGD Rapid Sand Filtration Plant at Nowgam (cost includes PST , Clariflocculator, Flush mixer, Filter House, and wash water disposal chamber) for W.S.Scheme Nowgam Gund Payeen under JJM" is hereby allotted to you in accordance with the terms and conditions as laid down in the bid document read with any amendment if any for an amount of Rs.13698549.00 (Rs.One Crore Thirty Six lacs Ninety Eight thousand Five hundred and Forty nine only) as per the following item rates along with your quoted overall tender appreciation of 8% (Eight percent)

ates	:
۱	ates

S. No	Particulars of Items	Unit	Quantity	Allotted Rate	Amount in Rs.
1.	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,	Cum	186.55	188.75	35211.31
2.	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. All kinds of soils	Cum	124.37	539.35	67079.00

Time of Compl.:120 days

Page No: 2nd Construction of 0.15 MGD RSFP at Nowgam Gund Payeen

S.	Particulars of Items	Unit	Quantity	Allotted	Amount in Rs.
3.	50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all	Cum	103.56	1320.00	136699.00
1.	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:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	Cum	19.29	4861.84	93786.00
5.	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:1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	12.34	5399.01	66629.00
6.	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. 1:11/2:3 (1 cement: 11/2 coarse sand: 3 graded stone aggregate 20 mm nominal size)	Cum	24.77	7800.76	193263.00
7.	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm				
8.	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 1:11/2:3 (1 cement : 1½ coarse sand : 3 graded	Cum	9.07	9849.35	410127.00
9.	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard		11	7911.26(
	setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-incharge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level				

الم المادم Head Braftsman chip a Officer

EXED.

Page No: 3rd Construction of 0.15 MGD RSFP at Nowgam Gund Payeen

S. lo	Particulars of Items	Unit	Quantity	Allotted Rate	Amount in Rs.
0.	Extra for providing richer mixes at all floor levels. Note:- Excess/ less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum)	Cum	94.63	111.87	10586.25
11.	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-incharge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works above plinth level upto floor V level	Cum	138.79		1291161.00
12.	Providing and laying in position 1:2:4(1 cement: 2 sand:4 aggregate with 20mm size aggregate) plain cement concrete of specified grade including curing but excluding the cost of centring and shuttering		31.92	6434.01	205373.50
13.	Brick work with common burnt clay FPS (Non-modular) bricks of class designation 75 in foundation & Plinth in 1:4 nominal mix (1 Cement 4Fine sand).			7476.38	214572.00
14.		Cum	28.70	1522.20	
15.	the state of the s	1		262.30	23494.00
16.				/(601935.00
17.	Centering and shuttering including strutting propping etc. and removal of form for Suspended floors, roofs, landings, balconies and		172.13	635.60	109406.00
18.	centering and shuttering including strutting propping etc. and removal of form for: Lintel, beams plinth beams, girders, bressumers and cantilevers.	Sqn	n 136.27	502.85	68523.00

Head Draftsman

reonnical Officer

Exen

Page No: 4th

S.	Construction of 0.15 MGD RSFP at Particulars of Items	Unit	Quantity	Allotted	Amount in
No				Rate	Rs.
9.	Centering and shuttering including strutting,	Sqm	89.81	680.15	61087.00
	propping etc. and removal of form for: Columns,	1			
	pillars, piers, abutments, posts and struts.				25515.00
20	Centering and shuttering including strutting,	Sqm	32.96	807.50	26615.00
	propping etc. and removal of form for: Stairs	1	74		
	(excluding landings) except spiral stair cases.				20010.00
21	Centering and shuttering including strutting,	Sqm	135.54	242.30	32842.00
	propping etc. and removal of form for: Edges of	//	- 4	21	
	slabs and breaks in floors and walls				
22	Extra for shuttering in circular work (20% of				
	respective centering and Shuttering items).				
23	Foundations, footings, bases of columns etc. for		,	,	
	mass concrete	Sqm/	12.12	52.46	636.00
24	Walls (any thickness) including attached pilasters,	7			
	buttresses, plinth and string courses etc	Sqm	368.80	114.77	42327.17
25	Lintel, beams, plinth beams, girders, bressumers	-		,	
	and cantilevers.	Sqm	6.99	100.57	703.00
26	Extra for additional height in centering,	sqm/	200.00/	267.60 /	53520.00
	shuttering where ever required with adequate				
	bracing, propping etc. including cost of de-				
	shuttering and de-centering at all levels, over a				
	height of 3.5 m, for every additional height of 1			_	
	meter or part thereof (Plan area to be measured).			1	
	Suspended floors, roofs, landings, beams and				
	balconies (plan area to be measured)	0 1	706 44/	343.75	249713.00
27	12mm Cement plaster finished with a floating	Sqm	726.44	343.75	249713.00
	coat of neat cement of mix: 1:3 (1 cement: 3	/			
	fine sand)	Com	1564.0/	325.45 /	509033.00
28	12mm Cement plaster finished with a floating	Sqm	1364.07	323.43	00,000.0
	coat of neat cement of mix: 1:4 (1 cement: 4		9 7		
	fine sand)	Kg	20038.8	87.18 /	1746990.00
29	Providing Reinforcement to RCC works including	Ng/	8	00	
	bending ,binding ,cutting straitening and placing				
	in position complete.TMT bars	Kg	6056.87	102.14	618649.0
30	Structural steel work welded in built up sections		0030.07	1	
	in trusses & framed work incld, cutting hoisting fixing in position & applying a priming coat of				
	approved steel primer all complete.				
21	The state of the s	Sqm	21.74	800.00	17392.0
31	sheet strips water seal 1.25 mm thick at		1	1	
	construction joints incl jointing of ends so as to	.	1		
	form a continuous berries.				
32	Providing corrugated G.S sheet roofing incle		128.46	830.25	106654.0
32	vertical/curved surface fixed with polymer coated J/1	: '	1	.1	
	books holts & nuts 8mm dia with bitumen & G.	4 I		1	
	limpet washers or with GI limpet washers filled with	1			
	white lead and incl. a coat of approved steel primer &	s			
	two coats of approved paint on over laping of sheets complete (upto any pitch in horizontal/vertical o	ſ			
	curved surface) excl. the cost of purlins & trusses and	1			
	inold cutting to size and shape wherever required.	רדע			
	0.50 mm thick Zinc coating not less than 275 gm/m 2)				
_		/ \			

Head Draftsman

Teofinical Officer

Exen

Page No: 5th

	Construction of 0.15 MGD RSFP at	Nowgai	m Gund Pa	yeen	
S. No	Particulars of Items		Quantity	Allotted Rate	Amount in Rs.
	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.l. limpet and bitumen washers complete 0.63 mm thick with zinc coating not less than 275 gram/m2	m/	100.00	691.35	69135.00
34	Providing and fixing of hand rail of approved size by welding etc to stainless steel ladder railing, balcony railing and stair case railing and similar work.	kg	590.00	172.90	102011.00
35	Providing and fixing ball bearing for rolling shutters.	Each	2.00	483.10	966.20
36	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete. 50 mm thick with 20mm nominal size stone aggregate.	Sqm	38.695/	505.00 /	19541.00
37	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	Cum		787.40	14496.00
38	Providing wood work in frames of doors windows, clear story windows and other frames, wrought framed & fixed in position with hold fast lugs or with dash fasteners of required dia and length (Hold fast lugs or with dash fasteners shall be paid separately) in 1st class Kail wood.		1.1664	106894.15	124681.00
39			26.88	2784.10	74837.00
40	shutters using galvanized MS wire guaze of avg width for aperture 1.4 mm in both directions with wire of dia . 0.63mm for doors windows & clear story windows incld, ISI marked bright finished or & black enameled M.S pressed but hinges with necessary screws or		22.15	3260.70	72225.00
41	make made of required size MS lather interlocked together through their entire length etc. complete with 80x0.90 mm M/S Laths with	s /	5.04	3238.20	16321.00
42	O.90mm thick top cover. Applying priming coat with ready mixed pink of grey primer of approved brand & manufacture on wood work (hard and soft wood).	r Sqm	83.68	59.50	4979.00
	on wood work (hard and soft wood). Painting with synthetic enamel paint of approve	d Sqn	83.68	121.95	10204.00

Head Draftsman

Technical Officer

Exen

Page No: 6th Construction of 0.15 MGD RSFP at Nowgam Gund Payeen

S.	Particulars of Items	Unit	Quantity	Allotted	Amount in Rs.
No 44	Providing and applying white cement based putty of approved thickness 1mm of approved brand and manufacture over the plastered surfaces to prepare the surface smooth and even	Sqm	637.83	129.50	82598.00
45	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade two or more coats on new work	Sqm	637.83	128.70	82088.00
46	Marble stone flooring with 18mm thick Marble stone (sample of Marble shall be approved by Engineer incharge) over 20mm avg. thick base of cement mortar 1:4 laid and jointed with grey cement slurry incl. rubbing & polishing complete with Makrana white second quality).	Sqm	137.53	6175.39	849301.00
47	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 (1 cement: 4 coarse sand) including skirting in vertical & pointing the joints with white cement and matching pigment etc., complete In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the	Sqm	62.54	1210.66	75715.00
48	Providing & fixing of 0.5mm color G.S sheet soffit boarding including backing, supports etc	Sqm	46.15	600.00/	27690.00
49	Providing and fixing of glass panes 4mm thick with wooden fillets	Sqn	37.80	1768.05	66832.00
50	Supply and filling of filter media from approved source - Gravel (Graded gravel - size ranging from 2.0mm to 40.00 mm) in filter beds. Including all carriages, complete job		6.25	7700.00	48125.00
51	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	Cum	9.00	7968.00	71712.00
52	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work) 100 mm dia. nominal bore		300.00	1234.95	370485.00
53	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and all sorts of carriages.		45.00	1520.00	68400.0
54	Complete Job. 100 mm dia. pipe Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	- '	2372.00	57.90	137339.0

Head Draftsman

Tochritia Officer

Exem.

Page No: 7th Construction of 0.15 MGD RSFP at Nowgam Gund Payeen

S. No	Particulars of Items	Unit	Quantity	Allotted Rate	Amount in Rs.
55	Providing and fixing of 100mm dia CI sluice valve with caps, nuts bolts, washers complete job (Kirloskar Vag mak	No.	5.00	13164.00	65820.00
56		No	1.00	1500.00/	1500.00
57	Providing and fixing D.I. sluice valves Class 1 (with cap) complete with rubber insertions, bolts, nuts, extension rod, joint connector, supporting pedestal with base plate, top plate and necessary anchoring bolts etc. (the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.				
58	250mm dia. Sluice valves	Job	2.00	66440.00	132880.00
59	150mm dia. Sluice valves	Job /	10.00	26720.00	267200.00
60	Providing and fixing of 80mm dia PVC under drainage laterals 8mm thick fabricated out of Korean foam or prince make with 9mm perforations as per design in the bed provided at 60° along with PVC, Tees and end caps to be grouted in M-25 grade cement concrete at ends. the pressure rating 10kg's/Cm².(75mm dia)	M (160.00	1420.00	227200.00
61	Providing installation testing commissioning of double flanged MS pipes of 6mm thick. The job includes cutting welding and fabrication complete job.	kg /	4140.90	147.00	608712.00
52	P/F of air blower (Everest make or Kay make) capable for providing compression @ 11.813 cum per minute @ 0.35 kG/Sqm with suitable 3 phase induction motor with auxilary pipe system up to filter beds filling pressure guage nozzels cement concrete block base plate air check valves, non return valves, cement concrete block in M-20 grade foundation bolts base frame fabricated out of 100mm MS channels, the job also includes PRV pipe and pipe fittings starters and PVC 19/18 copper wire complete job and other electrical controlling devices fitted on pannel board. Complete job.	Job	1.00	87500.00	87500.00
	Providing installation testing commissioning of Kirloskar make mono block pumping equipment capable of lifting of 35 cum per hour for a height of 20m with 3 phase appropriate rating power induction mover with starter assembly suction and delivery pipe fittings of required size up to back wash tank, the job includes all electrical operating devices fitted on pannel board.	Job /	2.00	20268.00	40536.00

Head Braftsman

Technical officer

Exen .

Page No: 9th

.	Construction of 0.15 MGD RSFP at Particulars of Items	Unit	Quantity	Allotted	Amount in
0				Rate	Rs.
9	Proving and laying of 4 core 50mm Aluminum cable to be laid as service line from nearest LT pole up to main pannel board including to be laid underground.	M	100.00	325.00	32500.00
70	Providing installation testing commissioning of 100 Amp dust/moisture proof cubical pannel board fitted with 3 phase 100 Amp MCCB L&T make 02 No. and 63 Amp single phase MCCB for lighting and heating systems. The job also includes 1 No. amp metre 0-100 AE make with CT coils and one number voltmetre AE make 0-500 with selector switches L&T make and 3 No. indicator lamps Neon type complete job.	Job	1.00	238920.0	238920.00
71	Providing and fixing installation testing commissioning of heating points in 2.5mm PVC copper wire.	No /	10.00	1300.00	13000.00
72	Providing and fixing installation testing commissioning of lighting points in 1.5mm PVC copper wire, LED conical type of handles/Syska make of 12 watt including push buttons etc complete job.	No	40.00/	1760.00	70400.00
73	Providing and fixing installation testing commissioning of Philips/Havels make high mass security lights to be fitted inside filtration plant premises with high mass GI octagonal poles including auto transformer, connecting cables and other accessories. complete job.	Job	7.00	9753.00/	68271.00
74	Providing and fixing installation testing commissioning of exhaust fan in the chemical house complete job (Havell's, Usha, crompton greaves make).	/	5.00/	1550.00	7750.00
75	Providing necessary earthing for motor panels lighting and heating networks as per prevailing electric rules with latest amendments with necessary medium including refilling complete job (Electrode type). Complete job.	. 1	2.00	11508.00	23016.00
76	rubber matting of Jyothi make.	1	200.00	1	12000.00
77	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.		124.372	198.70	24712.70
78	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)		118.78	91.80	10904.00
79					
79.		No.	1 3/	8000	56000.0

Feeth deal Officer

Page No: 10th Construction of 0.15 MGD RSFP at Nowgam Gund Payeen

S. No	Particulars of Items	Unit	Quantity	Allotted Rate	Amount in Rs.
79.2	150mm Dia Equal TEE with Flanges=04No.@ Rs 6000/No	No.	4/	6000	24000.00
80	Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with dash fastener of required dia. and size including necessary filling up of gaps at junctions i.e, at top, bottom and sides with required EPDM rubber / neoprene gasket felt etc. Aluminum sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-Charge (glazing, panelling and dash fasteners to be paid for separately.) For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately.)Powder coated aluminum (minimum thickness of powder coated 50 microns	kg (30 [535.35	16061.00
81	Providing and fixing glazing in aluminum door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer in-charge. (Cost of aluminum snap beading shall be paid in basic item.)				
81.1	With float glass panes of 8 mm thickness (weight not less than 20.0 kg / sqm	sqm	2.5	1642.85	4107.00
82	Providing and fixing of sign board, for filtration plant of approved quality made of M.S sheet painted and printed with name of RSFP as per direction of Engineer-incharge.Complete job.	no.	1	3000 (3000.000
83	Carriage of material from source to dumping site at road by mechanical transport.				
83.1	a) Cement and steel for average lead of 15 km	M.T	170.93	303.65	51903.00
83.2	b) Sand/20mm Aggregate for average lead of 35 km	Cum	479.42	551.33	264318.00
83.3	c) Bricks for average lead of 10 km	No	13634.00	0.74	10089.00
83 .4	d) Soling stone for average lead of 5 km	Cum	103.65	242.67	25152.00
	Total				12683842,00
	Add 8% for Tender appreciation	LE C			1014707.00
	Grand Total				13698549.00

Technical Officer

Executive Engineer

Jal Shakti PHE Division Sopore

Page No: 11th Construction of 0.15 MGD RSFP at Nowgam Gund Payeen

Terms and conditions: В

- Total value of the work is Rs.13698549.00 (Rs.One Crore Thirty Six lacs Ninety Eight thousand Five hundred and Forty nine only) worked out on the basis of above quoted rates which includes all taxes, levies etc and as per the drawing approved vide 01. Chief Engineer Kashmir Jal Shakti PHE Department Srinagar's No: DIQC JK vide No: DD/BUILD-II/DIQC/S/58 dated: 07-06-2021
 - The date of start of the subject work shall be reckoned from the date of issuance of this allotment order, in case of failure to start the work within three days of issuance of this 02. allotment order action as warranted shall be initiated
 - An agreement shall have to be drawn by you with the department within a period of 07 days from the date of issuance of allotment, failure to execute such a formal deed shall 03. not however prevent the contract from being enforced upon you. However payment shall not be made unless the agreement is drawn.
 - Performance security equlivant to 3% of the value of the contract Rs.410956.00 valid in accordance with bid conditions, shall have to be furnished by you in shape of 04. CDR/BG/FDR within a week from the date of issuance of this allotment order or at the time of signing of agreement which ever is earlier.

All other terms and conditions and technical specifications shall the remain same as laid down in Standard bidding document of the subject E-NIT read with corrigendum 05. minutes of Pre-bid meeting, PWD from No 25 and GFR-17.

Assistant Accounts Officer

officer Technica

Uma Executive Engineer Shakti PHE Division Sopore

Copy to the:

- 01. Mission Director Jal Javeen Mission Civil Secretariat Srinagar for favour of information.
- 02. Chief Engineer Kashmir Jal Shakti PHE Department Srinagar for favour of information.
- District Development Commissioner Bandiipora (Chairman DJJM) for favour of information.
- Direction Planning Jal Shakti Civil Secretariat Srinagar for favour of information.
- Superintending Engineer Hydraulic Circle Baramulla/Bandipora (Member Secretary JJM) for favour of information.
- Assistant Executive Engineer PHE Sub Division Sumbal for information and necessary action. 05.
- M/S WAPCOAS Ltd Corporate office 76-C intuitional area sector 18 Gurgon for information.
- File Concerned.