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## AMMU AND KASHMIR

PORA BASIN IRRIGATION DIVISION TANGMARG

OFFICE OF THE EXECUTIVE ENG E NO.01954-254611) (EMAIL ADDRESS: FBIDIVISIONT ANGMARGOGMAIL.COM)

	Another 180.	33-PHE Dated: 10/2012
A/S :- SHA	MIM AHMAD MALIK	NO/FBID/6164-70
S/O:-HABI	BULLAH MALIK	DATED:-21-10-2022
2/0 :-TUM	BERHAMA TANGMARG	
REGD. NO:	-SE/HYD/SGR/AAY/CLASS/151/CIV	IL/SANITARY OF 2004-2005
ENDER ID:	2022 PHE 170194_3	4
ADV COS	T RS:-116.86	ALLOTED COST RS:-121.53 LACS
SUBJECT:-	CHAIN LINK FENCING AROUND VARI RETAINING WALL AT SPOTS, CONST OF INTAKE WORKS, CONSTRUCTION	CTION 0.50 LAC GALLON SR, CONSTRUCTION OF OUS STRUCTURES, CONSTRUCTION OF RUCTION OF APPROACH ROAD, CONSTRUCTION OF SLUICE CHAMBERS, CONSTRUCTION OF ONOF SPRING PROTECTION WORKS,
SUBJECT:-	CHAIN LINK FENCING AROUND VARI RETAINING WALL AT SPOTS, CONST OF INTAKE WORKS, CONSTRUCTION CHOWIKDAR QUARTER, CONSTRUCTION CONSTRUCTION OF GENERATOR SHI CONSTRUCTION OF TRANSFORMER E	RUCTION OF APPROACH ROAD, CONSTRUCTION OF RUCTION OF APPROACH ROAD, CONSTRUCTION OF SLUICE CHAMBERS. CONSTRUCTION OF ONOF SPRING PROTECTION WORKS, ED, CONSTRUCTION OF CHEMICAL SHED, BED UNDER JJM
SUBJECT:-	CHAIN LINK FENCING AROUND VARI RETAINING WALL AT SPOTS, CONST OF INTAKE WORKS, CONSTRUCTION CHOWIKDAR QUARTER, CONSTRUCTION CONSTRUCTION OF GENERATOR SHI CONSTRUCTION OF TRANSFORMER E 1. Your tender received in response 21.05.2022. issued under No.FBID/6 CDR NO:-3231889 DT:-06-06-2022	RUCTION OF APPROACH ROAD, CONSTRUCTION OF SLUICE CHAMBERS. CONSTRUCTION OF ONOF SPRING PROTECTION WORKS, ED, CONSTRUCTION OF CHEMICAL SHED, SED UNDER JJM  to this office enit No.21 of 2022-23 Dated:-CC/1343-53 Date:-21-05-2022  RS:-264000.00
SUBJECT:-	CHAIN LINK FENCING AROUND VARIABLE AND AND AREA TO SHOULD BE SHOUL	RUCTION OF APPROACH ROAD, CONSTRUCTION OF SLUICE CHAMBERS. CONSTRUCTION OF ONOF SPRING PROTECTION WORKS, ED, CONSTRUCTION OF CHEMICAL SHED, SED UNDER JJM  To this office enit No.21 of 2022-23 Dated:-CC/1343-53 Date:-21-05-2022  RS:-264000.00
SUBJECT:-	CHAIN LINK FENCING AROUND VARIABLE AND AND AREA FETAINING WALL AT SPOTS, CONSTRUCTION OF INTAKE WORKS, CONSTRUCTION CHOWIKDAR QUARTER, CONSTRUCTION OF GENERATOR SHIP CONSTRUCTION OF TRANSFORMER FOR STRUCTION OF TRANSFORMER FOR STRUCTURE TO STRUCTU	RUCTION OF APPROACH ROAD, CONSTRUCTION OF SLUICE CHAMBERS. CONSTRUCTION OF ONOF SPRING PROTECTION WORKS, ED, CONSTRUCTION OF CHEMICAL SHED, SED UNDER JJM  To this office enit No.21 of 2022-23 Dated:-CC/1343-53 Date:-21-05-2022  RS:-264000.00
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SI.No	Description of Work / Item(s)	Oty	Units	Estimated Rate	Amount
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 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	726.28	cum	188.75	137085.35

with you on the following quoted rates:-

- 15					7
1.01	Ordinary rock	134 55	cum	<b>3</b> 78 35	50906.993
1.02	Extra for additional lift 15 mtr	201	Cum	81.65	16411.65
2	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 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. All kinds of soils	323 57	cum	436	141076.52
2.01	Ordinary rock	42.63	cum	967.85	41259.446
3	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe) 100 mm dia Di to 300 mm dia Di	I	QtI	245.55	4063.853
4	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 200 mm dia DI		Joint	213.00	1065
5	Laving and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work. 100 mm dia GI	260	RM	107.7	28002
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	408.66	Cum	198.70	81200.742
7	P/F of ISI mark of approved double flanged sluice viaue incld tail pieces incl. carriages upto site of work 200 mm Sluice Value	1	NO.	31698	31698
7.01	150mm Sluice Value	3	NO.	20243	60729
8	P/F of PGI strips 0.63 mm thick and 150 mm wide for construction joint.	85.29	Sqm	800	68232
9	Providing and laying hand packed stone soiling 50 mm nominal size including filling spreading dressing ramming all leads lifts including all carriages complete job	85.53	Cum	1320	112899.6

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10	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering All work upto plinth level with 1:4.8 (1 cement 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	61.36	cum	4861.84	298322.502
11	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 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	101.67	cum	\$399.02	548918.363
12	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 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	369.14	cum	6465.2	2386563.928
13	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth and curing complete	15.23	Sqm	546.315	8320.377
14	Providing & laying damp-proof Course 40 mm thick with cement concrete 1:2:4 (1cement: 2 coarse sand: 4 graded stone agg 12.5 mm nominal size) and curing complete	16.62	Sqm	341.605	5677.475
15	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 cement concrete flooring	93.73	Sqm	555.5	52067.015
16	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 1:1%:3 (1 cement : 1% coarse sand : 3 graded stone aggregate 20 mm nominal size)	29.39	Cum	7800.76	229264.336
		1	6		Sur.

and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.	08.135 <b>232192.772</b>
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 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size)	<b>49</b> .3 <b>4</b> 5 <b>56929.214</b>
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 <b>0727.371</b>
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 in 1:2:4 mix (RCC) Suspended floors	8 <b>9333.514</b>
Centering and shuttering including strutting, propping etc. and removal of 1179.24 Sqm 2 form for Foundation/footings	<b>309314.652</b>
21.01 Beams 50.99 Sqm 5	02.85 25640.322
21.02 Walls any thickness 350.59 Sqm 5	73.85 <b>201186.072</b>
21.03 Suspended floors 58.65 Sqm	335.6 <b>37277.94</b>
21.04 Columns/pillars 5.6 Sqm 6	80.15 3808.84
21.05 Edges of slabs under 20 cm wide 37.03 RM 2	42.30 <b>8972.369</b>
Section 201	2086.8 148079.328
22 Extra for circular work 20% of respective centring Foundations 9.7 Sqm	52.46 508.862
22.01 Walls 170.58 Sqm 1	14 77 19577.467

574.582	127 12	Sqm	4.52	Suspended floors	hiii
2906.473	100.57	Sqm	28.9	Beams	2233
71563.16	1008.5	Sqm	70.96	Extra for domes exceeding 6 mt span	22(4
1437815.422	91.13	Kg's	15777.63	Steel reinforcement for R.C.C. work including straightening, cutting, bending placing in position and binding all complete above plinth, level	23
832487.276	95.16	Kg's	8748.29	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.	24
55878.08	106.77	Kg's	523.35	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	25
33261.25	343.75	Sqm	96.76	12mm Cement plaster finished with a floating coat of neat cement of mix: 1:3 mix	26
158300.237	260.05	Sqm	608.73	12mm Cement plaster finished with a floating coat of neat cement of mix: 1:4 mix	27
39417.338	241.75	Sqm	163.05	15mm Cement plaster on the rough side of single or half brick wall of 1:6 mix	28
29810	149.05	Sqm	200	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	29
23176.8	2497.5	Cum	9.28	Dry random rubble masonry with hard stone in foundation and plinth: With bond stone	30





	Providing corrugated G S sheet roofing including vertical/curved surface fixed with polymer coated I or L hooks bolts and nuts 8mm diameter with bitumen and G I limpet washers or with G I limpet washers filled with white lead includes				
31	white lead including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins rafters and trusses and including cutting to size and shape wherever required  0.63 mm thick with zinc coating not less than 2.75 gram/m2	35	Sqm	9518	33313
32	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	5	RM	691 35	3456.75
33	P/F of coloured corrigated tile profile GS sheets 0.63mm Thick	182.37	Sqm	1249.3	227834.841
34	P/F of coloured corrigated tile profile GS sheets ridges.	24.38	RM	691 35	16855.113
35	P/F eves boarding 300 x 40mm 2nd class Kail wood	41.06	RM	693.9	28491.534
36	P/F of 0.5 mm colour GS sheet soffit boarding incid. Supports etc complete job.	16 5	Sqm	900	14850
36.01	150 mm long	8	NO	66 35	530.8
36.02	100 mm lang	3	NO	52.3	156.9
37	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade At 10 as per IS 1868) transparent or dyed to required colour or shade with necessary screws etc complete 150 mm long	2	NO.	80.35	160.7
37 01	100 mm long	48	NO.	57 35	2752.8
38	F/F Almunium Aldrop 150mm	2	NO	400	800
39	P/F of hardware items Almunium Air Hooks	24	NO	45	1080
39 01	Sliding Door bolt	2	NO	800	1600

40	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete 2mm thick		Sqm	172.4	20787.992
41	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. 15mm Dia	24.38	RM	<b>2</b> 78.9	6799.582
42	P/F PVC pipes cables with all PVC fittings including trenches and refilling etc (External with flateral 100mm dia PVC pipe (Prnce) along with bend and socket etc	25.24	RM	750	18930
43	Applying priming coat With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood) work	407.43	Sqm	59.50	24242.085
44	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	487.43	Sqm	179.80	87639.914
45	Providing & fixing White vitreous china water closet squatting pan(Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. Long pattern W.C Pan of size 580x440 mm	1	No.	2979.4	2979.4
46	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1000	Ltr	11.25	11250





47	Providing and fixing 1st quality ceramic glazed wall tiles conforming to 1S: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	17	Sqm	1161 05	19737.85
48	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	2.79	Sqm	1249.3	3485.547
49	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	1.39	Sqm	3576.65	4971.544
50	P/F of Stainless steel sink	1	NO.	3500	3500
51	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in : in 1:6 mix	24.86	cum	6183.75	153728.025
52	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	18.7	Cum	1323.65	24752.255
	P/L of Anchor bolts 16 mm dia 9 inch long	20	NO.	250	5000

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525617.666	<b>1386</b> 85 4	Cum	3.79	recording hoisting and fixing trusses/purling rafters/posts/ post-plates or like components including cost of screws etc. complete list Class Budloo	54
60763.131	<b>920</b> 65.35	Cum	0.66	Providing wood work in frames of doors, windows clerestory windows and other frames, wrought framed and 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 for separately): (2nd class Kail wood)	55
20289.193	<b>2</b> 501.75	Sqm		Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. (2nd Class Kail wood)	56
27163.564	3093.8	Sqm	8.78	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-incharge. (Note: -Butt hinges and necessary screws shall be paid separately).  35 mm (2nd Class kail wood)	57
24057.099	2966.35	Sqm	8.11	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge 30mm thick (2nd class kail wood)	58
17000	680	Sqm	25	P/F of 3.5 mm glass pans floating glass incl. beedings complete job	59
200245.5	733.50	Sqm	273	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	60
5000	5000	NO.	1	P/F of lid cover with angle iron frame of (0.6x0.6)	61

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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)	655.32	Kg's	<b>57</b> .90	37943.028
Supplying and stacking at site Graded crushed stone aggregate of size of 90-45	18.47	Cum	<b>492</b> .75	9101.093
Laying water bound macadam sub-base with brick aggregate and binding material, earth etc. including screening sorting, spreading to template and consolidation with light power road roller etc. complete ( payment for brick aggregate and moorum etc, to be made separately):90 to 45 mm size and 63 to 45 mm size	110.3	Cum	<b>574</b> 6	63378.38
Supply stacking of stone screening chppings 13.2 mm size for 90-45	12.68	Cum	504.4	6395.792
Supply stacking of stone screening chppings 11.20 mm size 63-45 mm	8.83	Cum	504.4	4453.852
Supply and stacking of mooram	8.83	Cum	528.5	4666.655
Providing and applying tack coat using hot straight run bitumen of grade –VG-10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specificationsWBM @ 0.75 Kg per Sqm	367.5	Sqm	55.45	20377.875
Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy. For 50 mm compacted thickness using coarse aggregate of size 50-20mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG-10 @ 50 kg/10sqm.	367.5	Sqm	381.8	140311.5
	kg of water proofing material in 50 kg of cement)  Supplying and stacking at site Graded crushed stone aggregate of size of 90-45  Laying water bound macadam sub-base with brick aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for brick aggregate and moorum etc, to be made separately):90 to 45 mm size and 63 to 45 mm size  Supply stacking of stone screening chippings 13.2 mm size for 90-45  Supply stacking of stone screening chippings 11.20 mm size 63-45 mm  Supply and stacking of mooram  Providing and applying tack coat using hot straight run bitumen of grade –VG-10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specificationsWBM @ 0.75 Kg per Sqm  Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy For 50 mm compacted thickness using coarse aggregate of size 50-20mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG-cum per 10 sqm. With paving asphalt grade VG-	Supplying and stacking at site Graded crushed stone aggregate of size of 90-45  Laying water bound macadam sub-base with brick aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete ( payment for brick aggregate and moorum etc, to be made separately) .90 to 45 mm size and 63 to 45 mm size  Supply stacking of stone screening chippings 13.2 mm size for 90-45  Supply stacking of stone screening chippings 11.20 mm size 63-45 mm  Supply and stacking of mooram  Providing and applying tack coat using hot straight run bitumen of grade –VG-10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specificationsWBM  © 0.75 Kg per Sqm  Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of self propelled/ tipper tail mounted aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy. For 50 mm compacted thickness using coarse aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm With paving asphalt grade VG-	Supplying and stacking at site Graded crushed stone aggregate of size of 90-45  Laving water bound macadam sub-base with brick aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete ( payment for brick aggregate and moorum etc, to be made separately):90 to 45 mm size and 63 to 45 mm size.  Supply stacking of stone screening chppings 12.68  Supply stacking of stone screening chppings 13.2 mm size for 90-45  Supply and stacking of mooram  Providing and applying tack coat using hot straight run bitumen of grade –VG-10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specificationsWBM  © 0.75 Kg per Sqm  Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of self propelled/ tipper tail mounted aggregate with the help of seggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy. For 50 mm compacted thickness using coarse aggregate of size 50.20mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG-	Supplying and stacking at site Graded crushed stone aggregate of size of 90-45 Laving water bound macadam sub-base with brick aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for brick aggregate and moorum etc, to be made separately). 90 to 45 mm size and 63 to 45 mm size  Supply stacking of stone screening chippings 12.68  Supply stacking of stone screening chippings 13.2 mm size for 90-45  Supply stacking of stone screening chippings 11.20 mm size 63-45 mm  Supply and stacking of mooram  Providing and applying tack coat using hot straight run bitumen of grade –VG-10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specificationsWBM  © 0.75 kg per Sqm  Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade including required key aggregate with the help of suffered and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compacted thickness using coarse aggregate of size 50 20mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG

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A Max

0/10/					-
70 10 10 10 10 10 10 10 10 10 10 10 10 10	conling & laying bitumen master wearing torse (as per specifications) with industrial tumen of grade 85/75 conforming to 15-707, epared by using master cooker & laid to equired level and slope, including providing nitiskid surface with bitumen pre-coated fine rained hard stone chipping of approved size at the rate of 0.005 cum per 10 sqm& at piproximate spacing of 10 cm centre to centre in both directions, pressed into surface protruding 1 mm to 4 mm over mastic surface, including cleaning the surface, removal of debris etc. all complete (considering bitumen using 10.7% as per MORTH specification) 25mm thick.	367.5	Sqm	<b>61</b> 88	227409
71	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 178 kg of bitumen of grade VG-10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface including rolling and finishing with road all complete sqm 78.1	367.5	Sqm	78.15	28720.125
72	P/F of MS Door of size 1 x 2 5 Mtr with 3mm MS Sheet thick with 40 x 40 x 6 mm size angle iron frame incl. all accessories/locking arrangement incl. applying of steel primer and synthetic enamel paint 2 or more coats.	1	Job	8000	8000
73	Carnage of all materials from road site to actual site of work by mechanical transport Sand (Avg. 50 kms Lead)	332.3	Cum	700.373	232733.948
73.01	Stone aggregate 20 mm (Avg. lead 10 Kms)	508.47	Cum	280.853	142805.325
73.02	Stone aggregate 40 mm (Avg. lead 10 Yms)	55.09	Cum	305.279	16817.82
73 03	Stone aggregate 90-45mm Avg-20 Yms	110.26	Cum	437.299	48216.588
73.04	Screening 13.2 avg 20 kms	21.5	Cum	402.293	8649.3
73.06	Bricks 50km	12430	NO.	1.87	23244.1
73.06	Maroon avg. 20 kms Cement/steel (20 kms)	8.83	Cum	402.293	3552.247
73.08	200	206 56	MT	445 9585	92117.188
	200 mm dia Di pipes 10 km	30	RM	16.6405	499.215

79.00	150 1				1
-	150 mm dia DI pipes 10 km	12	RM	10.27	122.64
8 1	100 mm dia DI pipes 10 km	6	RM	6.1295	36.777
74	Carriage of all materials from road site to actual site of work by head Load of all materials (500 M avg lead).  Sand & Stone aggregate	840 77	Cum	<b>621</b> 207	522292.209
74.01	Stone aggregate 40 mm	55 09	Cum	671 554	36995.91
74 02	Stone aggregate 90 mm – 45 mm	110.26	Cum	671 554	74045.544
74 03	Screening	21.5	Cum	621 207	13355.951
74 04	Bricks.	12430	NO.	1.15	14294.5
74 O.E	Maroon	8.83	Cum	621 21	5485.284
74.06	Steel	16.69	мт	605 958	10113.439
74 07	Cement	190.57	мт	282.095	53758.844
74.08	200 mm dia DI pipes	30	RM	20.3205	609.615
74.09	150 mm dia DI pipes.	12	RM	13.54	162.48
74 10	100 mm dia Di pipes	6	RM	9.6025	57.615
75	P/F exhaust Fan 350 mm size	1	Job	2500	2500
75.01	P/F eleteric points Lighting point	10	NO.	850	8500
75.02	Heating point	2	NO.	1050	2100
75.03	Fan Point with Ceiling fan	2	No.	5000	10000
		Total			11686150.115
	Alloted Rates @ 4% Above on all items				467446.004
				G.Total	12153596.12
				G. Fotal	

(Rupees One core Twenty one Lacs fifty three thousand five hundred ninety six only)

Rates & Qty Checked

Head Draftsman

Technical Officer

Jal Shakti FBJ Division Jangmarg

## Terms & Conditions

1	The cost of work should in no case exceed beyond alloted cost			
2	The work shall have to be completed within a period of 120 days from the date of issuance of LOI/ allotment and the date of start shall be reckoned 07 days from the date issuance of LOI / Allotment which ever is earlier.  An Agreement shall have to be drawn by you with the department within the period of seven days from the date of issuance of allotment. However, failure to execute such a formal deed shall not prevent the contract from being enforced upon you.  Performance security equivalent to 03% of the value of contract shall have to be deposited by you in the shape of CDR/FDR/Bank Guarantee within one week of issuance of allotment order and valid for a period of 03 months beyond the expiry of Warranty period of the contract as mentioned in Standard Bid Document (			
3				
4				
5	The allotted work shall be subjected to check by the third party monitoring agency appointed by the department			
6	Pre, during and post execution Geo-tagged photographic evidence have to be produced at the time of submission of the bill.			
7	All other conditions shall be applicable as laid down in S.B.D and PWD form			
8	Any rules/terms and condition if not stipulated in the S.B.D. shall be strictly dealt in accordance with the relevant rules / guidelines stipulated in G.F.R-2017 and manual for procurement of works 2019 G.O.I.			

## Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinager for favour of information please.
- 2 District Dev.Commissioner Baramulla Chairperson (DJJM) for favour of information please .
- 3 Superintending Engineer Hyd. Circle Sopore for favour of information.
- Assistant Executive Engineer PHE Sub –Division Tangmarg 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 should not exceed beyond the provision of allotment in any case for which he shall be personally responsible.
- 5 Technical Officer Divisional Office for information.
- 6 Asstt. Accounts Officer for information .

7 File Concerned for records .

Technical Officer

AAO

Executive Engineer FBI Division Tangmarg

UKA DET