

BILL OF QUANTITY

NAME OF THE WORK : **Construction of DMF
Gram Udyan at Baranga, Jambhira GP**

Estimated Cost : Rs. 30,97,297.00

Amount put to Tender : Rs. 20,64,832.00

Class of Contractor : C & B

Cost of Tender Paper : Rs. 6,000.00

Earnest Money deposit 1% : Rs. 20,648.00

Time of Completion : 06 (Six) Months

Sl No.	Description of Items	Quantity	Unit	Rate in Rupees	Amount in Rupees
(1)	Earth work excavation of foundation in stony earth and gravel mixed with stone boulders with initial lead of 50 mtr and lift of 1.5 mtr including dressing leveling the bed.	256.61	Cum	199.60	Rs. 51,219.36
(2)	Supplying and filling in with clean coarse river sand in foundation and plinth including ramming consolidating with all cost of materials, labour, T. & P. etc. complete.	150.41	Cum	640.70	Rs. 96,367.69
(3)	Plain cement concrete (1:3:6) using 40 mm. size CBHG stone metal of approved quality & from approved quarry including lowering, laying the concrete, watering and curing etc. complete to required levels laid in layers including cost conveyance, royalties & taxes of all materials & cost of all labour with T & P etc all complete in all respect as per Direction of the Engineer in charge.	21.17	Cum	3869.90	Rs. 81,925.78
(4)	Reinforced Cement concrete of M-20 grade with 20 mm and down grade black hard crusher broken granite stone chips of approved quality & from approved quarry including lowering, laying the concrete, watering and curing etc. complete to required levels laid in layers including cost, conveyance, royalties & taxes of all materials & cost of all labour with T & P required for the work etc all complete in all respect as per Direction of the Engineer in charge with centering and shuttering.				
	A) Column Base	7.51	Cum	5062.53	Rs. 38,019.60
	B) Plinth Beam	6.14	Cum	5443.16	Rs. 33,421.00
	C) Column above plinth Beam	4.37	Cum	10950.58	Rs. 47,854.03
	D) Lintel	0.37	Cum	8862.70	Rs. 3,279.20
	E) Roof slab	4.06	Cum	9325.80	Rs. 37,862.75

(5)	Supplying, fitting & placing uncoated HYSD bar reinforcement complete as per drawing and technical specification with cost, conveyance of rod & binding, wire etc complete. including cost of materials labour complete .	19.25	Qtl	9178.40	Rs. 1,76,684.20
(6)	Fly Ash brick masonry in cement mortar (1:6) including watering and curing etc. complete including cost conveyance, royalties & taxes of all materials & cost of all labour with T & P required for the work etc all complete in all respect as per direction of the Engineer in charge.	24.57	Cum	4302.50	Rs. 1,05,712.43
(7)	Fly Ash brick masonry in cement mortar (1:6) including watering and curing etc. complete including cost conveyance, royalties & taxes of all materials & cost of all labour with T & P required for the work etc all complete in all respect as per direction of the Engineer in charge.	38.46	Sqm	4269.10	Rs. 1,64,189.59
(8)	12mm thick cement plaster (1:6) finished smooth including close deep chipping including watering & curing etc complete with cost, conveyance royalties & taxes of all materials & all labour with T & P required for the work etc. all complete in all respect as per the Direction of the Engineer in charge.	420.60	Sqm	146.30	Rs. 61,533.78
(9)	16mm thick cement plaster (1:6) finished smooth including close deep chipping including watering & curing etc complete with cost, conveyance royalties & taxes of all materials & all labour with T & P required for the work etc. all complete in all respect as per the Direction of the Engineer in charge.	122.31	Sqm	208.80	Rs. 25,538.33
(10)	Supplying, fitting and fixing M.S. shutter and grill made out of M.S. Plate/M.S. square bar / M.S. flats / M.S. angles as per approved drawing and design, cutting to required size and welding properly, finished smooth by machine grinding and sand papering, including cost, conveyance, taxes of all materials, required screws, cost of all labour, T&P painting a coat of red lead primer and painting etc. as required for the work complete including the cost of making holes on brick or concrete structure subsequent mending good damages complete as per direction of the Engineer-in-charge.	1120.20	Kg	149.81	Rs. 1,67,817.16

(11)	Painting two coats with enamel paint of approved quality and approved shade over a coat of primer including all cost.	98.68	Sqm	200.40	Rs. 19,775.47
(12)	Finishing walls two coats with weather coat paint of approved quality and approved shade over a coat of primer and cement washing including all cost.	543.07	Sqm	133.87	Rs. 72,700.78
(13)	Cement concrete of 1:2:4 with 12 mm black hard crusher broken granite stone chips of approved quality & from approved quarry including lowering, laying the concrete, watering and curing etc. complete to required levels laid in layers including cost, conveyance, royalties & taxes of all materials & cost of all labour with T & P required for the work etc all complete in all respect as per Direction of the Engineer in charge	0.96	Cum	6104.60	Rs. 5,860.42
(14)	Supplying, fitting and fixing M.S. angles as per approved drawing and design, cutting to required size and welding properly, finished smooth by machine grinding and sand papering, including cost, conveyance, taxes of all materials, required screws, cost of all labour, T&P painting a coat of red lead primer and painting etc. as required for the work complete including the cost of making holes on brick or concrete structure subsequent mending good damages complete as per direction of the Engineer-in-	1287.53	Kg	166.40	Rs. 2,14,244.99
(15)	Fencing the entire area using P.V.C Coated G.I Chain Link Jally of 8 SWG (4"x4") size fixed to M.S Angle iron post of size 50x50x6mm(Vertical Member) @ 3.05m C/C with stay of M.S Angle of 50x50x5mm(Diagonally Attached) and Fixed to Horizontal member of M.S angle 40x40x5mm by means of fixing M.S nuts and bolts of approved size , T&P etc. complete as per direction of Engineer in Charge.	214.50	Sqm	271.2	Rs. 58,172.40

(16)	Providing Press-cast M-30grade interlocking Paver Block of 60mm thick with appropriate colour combination with transportation to the site complete.and supplying all labour ,T&P for laying of Pre-cast M-35 grade interlocking 60mm thick Concrete Paver Blocks of standard size ,shape and colour over sand bed of required thickness and compaction with compactor - cum- vibrator machine to proper secreting l, e. Zero on Zero for complete laying area in 8-stage process as directed by Engg-in-charge.	277.50	Sqm	841.10	Rs. 2,33,405.25
(17)	Earthwork excavation with Mechanical means and trasportation within 5 K.M. lead including loading and un-loading etc complete as directed by Dept.	337.50	Cum	95.90	Rs. 32,366.25
(18)	Spreading excavated earth / Supplied earth inlayers, breaking clouds etc as per specification.	225.00	Cum	127.12	Rs. 28,601.72
(19)	Provision for Cement Benches	10	No	5000.00	Rs. 50,000.00
(20)	Fine dressing and Turfing including watering and ramming by mechanical transport within a lead of 5 km as directed by the Engineer-in-charge	520.00	Sqm	16.70	Rs. 8,684.00
(21)	2.5 cm thick grading concrete (1:2:2) on roof slab with 6 mm size hard broken chips for old works including watering and curing cost, conveyance, royalties & taxes of all & cost of all labour with T & P etc all complete in all respect as per Direction of the Engineer in charge.	31.69	Sqm	306.00	Rs. 9,697.14
(22)	6mm thick cement plaster (1:4) over RCC work finished smooth including close deep chipping and slurry treatment including watering & curring etc complete with cost, conveyance royalties & taxes of all materials & all labour with T & P required for the work etc. all complete in all respect as per the Direction of the Engineer in charge.	27.23	Sqm	128.70	Rs. 3,504.50
(23)	Supplying fitting and fixing vitrified tile in floors of size 600mm x 600m of approved make laid on 20mm thick CM(1:4) and filling joints with white cement including cost of all materials labour T&P etc complete.	9.15	Sqm	875.90	Rs. 8,014.49

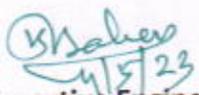
(24)	Fixing vitrified tiles in dados skirting and risers of steps on 12mm thick CP(1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost of precast tiles.	17.81	Sqm	1278.20	Rs. 22,764.74
(25)	Fixing antiskid tiles in floors treads or steps and landing on 25mm thick bed of CM 1:1 (1cement:1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles.	13.96	Sqm	688.30	Rs. 9,608.67
(26)	Excavation,loading,unloading and carriage by mechanical means of all kinds of soil including stoney earth, gravel and moorum etc. interspread with boulders upto 1/2 cum size all lifts and delifts including trimming of slopes and bed to design section and depositing the excavated materials away from work site as per the specification and as directed by the E.I.C within initial lead of 1 km from the place of excavation etc. complete.	174.00	Cum	125.30	Rs. 21,802.20
(27)	Provision for Grass	1.00	No	25000.00	Rs. 25,000.00
(28)	Provision for Electrification including all cost, labour & T&P etc in complete.	1.00	No	50000.00	Rs. 50,000.00
(29)	Provision for Flowering Plants	450.00	No	70.00	Rs. 31,500.00
(30)	Provision for PH installation and fittings	1	No	47704.00	Rs. 47,704.00
(31)	Provision for Electrical installation and fittings	1	No	20000.00	Rs. 20,000.00

Total = Rs. 20,64,832.00

(Rupees Twenty Lakh Sixty Four Thousand Eight Hundred Thirty Two) Only

Tender schedule for the project : **Construction of DMF Gram Udyan at Bidyadharpur, Balibarei GP** under DMF Hatadihi Block is approved for **Rs 20,64,832.00 (Rupees Twenty Lakh Sixty Four Thousand Eight Hundred Thirty Two) Only** with 31 (Thirty one) items only.

G.S.T. cost in 18% (CGST 9% + SGST 9%) will be add at time of agreement


Asst. Executive Engineer
Hatadihi Block


Block Development Officer
Hatadihi Block


Executive Engineer
Zilla Parishad, Keonjhar

- My / Our quoted rate is %%
(both in figures and words) excess over / less than / equal to the estimated rate.

(Write both in words and Figures)

Contractor

Note:

- 1 The Contractor should not write anything except quoting of percentage excess / less / equal to the amount to Tender and in any case any thing else regarding tender rate is mentioned, the Tender is liable for rejection.
- 2 Strike out which are not applicable.
- 3 Percentage quoted by the contractor shall be accurately filled in figure and words, so that there is no discrepancy.
- 4 If any discrepancy is found in the percentage quoted in words and figure than the percentage quoted by the contractor in words shall be taken as correct.
- 5 The percentage quoted in the tender will out mentioning excess or less will be treated as excess.
- 6 The contractor should write percentage excess or less up to two decimal point only, if he/her writes the percentage excess or less more than two decimal points it will be treated as cancelled.

Contractor

**Block Development Officer
Hatadihi Block**