

BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - DMF GRAM UDYAN PARK AT KUMUNDI

Amount put to Tender	:	Rs.22,11,486.00
EMD	:	1% of the Amount put to Tender
Class of Contractor	:	C' & B' class only
Cost of Tender Paper	:	Rs.6000.00
Date of sale of Tender Paper	:	07.01.2023 to 21.01.2023 up to 1.00P.M.
Date of Receipt of Tender Paper	:	21.01.2023 up to 5.00 P.M.
Date of Opening of Tender	:	24.01.2023
Date required for completion	:	4(Four) calendar Month

SI No	Item of Work	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1	Excavation of foundation in all kind of soil with initial laed of 50mtr and lift of 1.5mtr including dressing levelling the bed .	227.43	Each cum	195.38	44435.00
2	Supplying and filling in with clean coarse river sand in foundation and plinth including ramming consolidaing with all cost of materials, labour T.&P.etc. complete.	153.40	Each cum	746.99	114588.00
3	P.C.C. (1:3:6) using 12 mm & down size b.h.g.c.b chips including watering, curing with cost, direction of Engineer-in-Charge.	19.43	Each cum	4910.95	95419.00
4	Cement concrete 1:2:4 with 12 mm b.h.g.c.b chips of approved quality and from approved quarry including lowering, laying the concrete, watering and curing etc. complete to required levels laid in layers including cost, conveyance,royalitis & taxes of all materials & cost of all labourwith (T&P) required for the work etc. all complete in all respect as per the direction of Engineer-in-Charge.	0.86	Each cum	6274.45	5396.00
5	Reinforced cement concrete of M-20 grade with 20mm 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 fore the work etc all complete in all respect as per Direction of the Engineer in charge with centering and shuttering .				
A)	Column Base	7.97	Each	5262.14	41939.00
B)	plinth Beam	9.93	Each cum	5627.07	55876.00
c)	Lintel	0.18	Each cum	8894.28	1600.00
d)	column&Beam	4.16	Each cum	10974.62	45654.00
e)	Roof slab	2.52	Each cum	9340.52	23538.00

	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	20.12	Each Qntl	8730.56	175658.00
7	Fly Ash Brick masonry with CM (1:6) in foundation including watering, 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 the direction of Engineer-in-Charge.	37.25	Each Cum	4545.89	169334.00
8	Fly Ash Brick masonry with CM (1:6) in superstructure including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	12.41	Each Cum	4584.22	56890.00
9	12mm thick C.P. (1:6)finished smooth including close deep chipping including & curring etc complete with cost , conveyance royalties & taxes of all materials & all labour with T&P required for the work etc. complete in all respect as per the direction of Engineer in-Charge.	68.70	Each Sqmt	152.28	10461.00
10	16mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	106.62	Each Sqmt	215.25	22949.00
11	12mm thick C.P. (1:4)finished smooth including close deep chipping including & curring etc complete with cost , conveyance royalties & taxes of all materials & all labour with T&P required for the work etc. complete in all respect as per the direction of Engineer in-Charge.	300.00	sqm	318.38	95514.00
12	2.5cm thick grading concrete (1:2:2) on roof slab with 6mm 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	25.71	Each Sqmt	299.17	7691.00
13	6mm thick C.P. (1:4)over Rcc work finished smooth including close deep chipping 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 Engineer in charge.	26.75	Each Sqmt	156.39	4183.00

	supplying, fitting and fixing M.S. shutter and grill made out of M.S. Plate/M.S. Square bar/ M.S. Flat / 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.	1028.70	Kg	148.69	152957.00
15	Supplying, fitting and fixing MS angle as per approved drawing & 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.	1167.73	Kg	148.69	173629.00
16	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 50x50x5mm (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)	195.00	sqm	276.90	53995.00
17	Providing press-cast M-35 grade interlocking paver Block of 60mm thick with appropriate colour combination with transportation to the site complete and supplying all labour, T&P for laying 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 Le Zero on Zero complete laying area in 8 -stage process as directed by Engineer in Charge	277.50	sqm	1101.15	305569.00
18	Painting two coats with enamel paint of approved quality and approved shade over a coat of primer including all cost.	64.01	Each Sqmt	200.55	12837.00
19	Finishing walls two coats with weather coat paint of approved quality abd approved shade over a coat of primer and cement washing including all cost.	539.99	Each Sqmt	114.37	61758.00

	Standard FRP Merry Go Round:1500mm dia and 2500mm dia safe play area for age group 5 to 12 and for 5 children.Metal platform of 1500mm dia with aluminium chequered anti skid surface 1.626 mm sheet Thickness .ISA 40mmX40mmX5mm and 25mmX25mmX5mm including ISF 130mmX50mmX10mm and 65mmX50mmX5mm all welded together to 25mm Nominal Bore Bend pipe C-channel 75mmX45mmX5mm welded together to form triangular frame with plates welded to vertices for mounting the FRP platform.Ball Bearing.80mm Nominal Bore GI pipe 500mm long .Base plate :150mmX150mm bottom plate and circular plate 200mm Dia at ToP for assembling the bearing.	1	no	21610	21610.00
21	Standard FRP Sea Saw: 2-seater.1265mm(L)X400mm(H)X 400mm(W). Base : 400mmX145mm.Uppertop and Bottom width of base :60mmX80mm,2.5mm Buttom Mushroom Fitting:125mm,150mmX40mm top and bottom dia.Seat Base 90mmX50mm.Middle Part :510X225X55X4mm.warranty not specified	1	no	14407	14407.00
22	Children swing with MS pipe Frame,GI chain suspender and PVC seats-2-seater.Pipe Frame :CRC pipe 25mm Dia,thickness of 20 gauge Length:1345mm,width 1168mm, Height :1370mm.Seat:405mm X305mm X2mm. warranty 3 Years	1	no	10551	10551.00
23	Rectangular Jungle Gym Equipment Length 13500mm,Width 6500mm,Height:3250mm.Pipe frame 50mm Nominal Bore GI Pipe ,Heavy.12mm Foundation plate . 750mm deep ,100 mm Nominal bore GI pipe ,Heavy for Foundation supported by MS Angle 25X25x4mm .Warranty 1 Year.	1	no	21186	21186.00
24	Jungle Rumble-Slide Set :Length - 13500mm,Width :6500mm,Height :3250mm.Pipe frame :50mm Nominal Bore GI pipe ,Heavy 4,7&4mm of FRP sheets on roof,Floor and sides.Warrant 1 year	1	no	39356	39356.00
25	Spring Mounted Horse Ride :50mm FRP for main Frame ,100mm FRP for Supporting Stands.750mm deep,100 mmNominal bore GI pipe ,Heavy for Foundation supported by MS Angle 25X25X4mm.Warranty 1 year.	1	no	11863	11863.00

	<p>Trainer- Length :2100mm,Width :550mm,height:1500mm.Supporting Maximum User Weight -110 kg.GI pipe frame ,powdwe coated 80 um,UV Resistant .Main frame :150mm Nominal Bore GI pipe ,Heavy .Leg Frame:40mm Nominal Bore GI Pipe Medium.Handle Frame :32mm Nominal Bore GI Pipe Medium .Tapered Roll Bearing .LDPE Foot Rest.12mm Foundation Plate .750mm deep, 125mm Nominal bore GI Pipe ,Heavy for Foundation supported by MS Angle 25X25X4mm.Warranty 2 Years.</p>	1	no	21174	21174.00
27	<p>Air Walker double- Length -2000mm,Width :470 mm,Height:1201mm.Maximum User Weight-120 kg .Main Frame :100mm Nominal Bore GI pipe ,Heavy.Leg frame :40mm Nominal Boire GI pipe ,Heavy.Ball Bearing .HDPE Foot Rest. 12mm Foundation Plate .750mm deep,100mm Nominal bore pipe,Heavy for Foundation supported by MS Angle 25X25X4mm .Warranty 2 Years</p>	1	no	29492	29492.00
28	<p>Leg press Double Station :Length -1000mm,width :650mm,Height:1600mm.Maximum User weight-120 kg .Main Frame :80mm Nominal Bore GI pipe ,Medium .Moving frame :32 mm Nominal Bore GI pipe ,Medium .foot Rest Frame :25mm Nominal Bore GI pipe ,Medium.Connecting Links:25mm Nominal Bore GI pipe ,Medium Ball Bearings.HDPE 3mm thick Seat and Foot Rest .10mm Foundation plate.750 mm deep,80 mm Nominal Bore GI pipe,Heavy for Foundation supported by MS Angle 25mmX25X4mm .Warrnty 2 Years</p>	1	no	16779	16779.00
29	<p>Exercising Double /Parallel Bars:Length -2100 mm,width :650 mm ,Height:1650mm.Vertical standing Pipes:50mm Nominal Bore GI pipe,Medium .Horizontalpipe:32mm Nominal Bore GI pipe medium.10mm Foundation plate.500 mm deep ,50mm Nominal Bore GI pipe ,Medium for Foundation supported by MS Angle 25X25X4mm .warranty 2 years</p>	1	no	19826	19826.00
30	<p>Chest press Double : Length-1400mm,Width :700mm,Height:1750mm.Maximum User Weight :110 kg for each station .Main Central pipe :125mm Nominal bore GI pipe ,Heavy handle Frame :40mmm Nominal Bore GI pipe ,Heavy ,seat Frame:40mm Nominal Bore GI pipe ,Heavy foot Rest Frame :32 Nominal Bore GI pipe Heavy 12mm Foundation plate .750mm deep ,125 mm Nominal bore GI pipe ,Heavy for Foundation supported by MS Angle 25 X25X4mm .2mm GI msheet for Seat surface with uniform bending ball Bearing</p>	1	no	26695	26695.00

	Two Wheel-Arm Shoulder Wheel: Height of Central pipe :1650 mm.First Wheel :851 mm Dia,Height :1200mm .2nd Wheel :801 mm Dia ,Height 1150mm.Main Central pipe 80mm Nominal Bore GI pipe ,Heavy Wheel(rinh):32mm nominal Bore GI pipe ,Heavy Wheel(Spoke):20mm Nominal Bore GI pipe , 12mm Foundation plate.750 mm deep .125 Nominal bore GI npipe ,Heavy for Foundation supported by MS Angle 25X25x4mm	1	no	22881	22881.00
32	SitUp Board .Abs Trainer Double Station : Length -1500mm .width :1600 mm ,Height:680 mm .main Central Pipe :100mm Nominal Bore GI Pipe,Heavy Foot Rest Pipe frame:32 Nominal Bore GI pipe ,Heavy Back rest pipe frame :32mm Nominal Bore GI pipe .Bleg support Frame :32mm Nominal Bore GI Pipe ,Heavy .12mm Foundation plate .750 mm deep ,100mm Nominal bore GI pipe ,Heavy for foundation supported by MS Angle 25X25x4mm Ball Bearing .Warranty 2 years	1	no	16101	16101.00
33	Earthwork excavation with mechanical means and transportation with in 5K.M. Lead including loading and un-loading etc complete as directed by Dept.	399.00	cum	125.30	49994.00
34	Spreading excavated earth/Supplied earth in layers,breaking clods etc as per specification	225.00	cum	131.55	29598.00
35	Fine dressing and Turfing including watering and ramming by mechanical transport within alead of 5km as directed by the Engineer-in-charge	520.00	cum	16.50	8580.00
36	supplying fitting and fixing vitrified tile in floor of size 600mmx600mm 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.	8.70	sqm	1253.76	10907.00
37	Fixing vitrified tiles in dados skirting and risers of steps on 12mm thick CP(1:3) joined with neat cement slurry mixed with pigments to match the shade of the tiles including cost of precast tiles.	17.79	sqm	1359.64	24187.00
38	Fixing antiskid (Ceramic) tiles in floors treads or steps and landing on 25mm thick bed of CM(1:1)joinedwith neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles	14.59	sqm	908.17	13250.00
39	Cost of steel display board of size 4'X3' including fixing with 8'6" height of two nos steel pipe erecting & fixing with DMF logo and wrighting as per direction of EIC.	1	no	15179	15179.00

provision for grass seeds				1000.00
provision of cement benches	10	no	5000.00	50000.00
42 provision for flowering plants	500	no	10.00	5000.00
			TOTAL	22,11,486.00

(Rupees Twenty Two Lakh Eleven Thousand Four Hundred Eighty Six)Only

18% GST will be added at the time of aggrement over the quoted amount.

[Signature]
 Asst. Exe. Engineer
 Banspal Block

Approved for 42(Forty Two) items only
[Signature]
 B.D.O.
 Banspal

[Signature]
 Addl. Executive Officer Tech.
 Zilla Parishada Keonjhar

TO BE FILLED BY THE TENDERER

1) My/ Our quoted rate is (both in figure and words)

	In Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

Notes:-

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderers should quote their percentage only inside the space provided for the purpose.
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose.
- 4) The percentage quoted at any other place will not be taken into consideration.

OFFICE USE ONLY

payment of RS.....only per set vide money receipt No.....

EMD: Rs..... In shape of
 Registration certificate furnished / not furnished
 STCC (GSTIN) furnished / not furnished
 ITCC (Pan Card) furnished / not furnished
 No of Correction

[Signature]
 Block Development Officer
 Banspal Block