

**BILL OF QUANTITIES
FOR
THE WORK**

**"Construction of Office
Building with Market Complex
of GPLF in Bankual GP"**

BILL OF QUANTITY

Name of the work : Construction of Office Building with Market Complex of GPLF in Bankual GP

Name of the G.P : Bankual

Amount put to Tender:- 2465212.96

Name of the Scheme : GPLF

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
1	Earth work in excavation of foundation trenches in HARD soil up to the required depth including dressing and leveling the bed and depositing the excavated materials away from the site with all leads and lifts, T&P labour required for the work etc. complete as directed by the Engineer-In Charge.	Cum	90.05	270.90	Rupees Two Hundred Seventy And Ninety Paise Only	24,394.54
2	Supplying and filling in foundation and plinth with sand including well watering, ramming, including cost, conveyance and royalties of all materials and cost of all labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	Cum	31.91	689.48	Rupees Six Hundred Eighty Nine And Forty Eight Paise Only	22,001.80
3	Filling in foundation and plinth with excavated earth including laying in layers not exceeding 23cm.(9") thick including well watered & rammed with all labour T&P required for the work etc. complete.	Cum	90.05	129.57	Rupees One Hundred Twenty Nine And Fifty Seven Paise Only	11,667.78
4	Cement concrete (1:3:6) in foundation and plinth using 4 cm. size hard granite crusher broken metal of approved quarry and approved quality including hoisting lowering laying concrete in layers not exceeding 0.15 M. in depth including compacting watering and curing etc. complete including cost ,conveyance, royalties & of all materials and cost of labour etc with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	Cum	14.57	6580.96	Rupees Six Thousand Five Hundred Eighty And Ninety Six Paise Only	95,884.59
5	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm ² after immersing the bricks for six hours in water before use in Foundation & Plinth including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc .including cost, conveyance, royalties and taxes & testing of all materials & of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	Cum	7.46	5546.76	Rupees Five Thousand Five Hundred Forty Six And Seventy Six Paise Only	41,378.83
6	Fly Ash Brick masonry in C.M.(1:4) using Fly Ash Bricks of size 25cm.x12cm.x 8 m. having crushing strength not less than 75 kgs./cm ² after immersing the bricks for six hours in water before use in Superstructure including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc .including cost, conveyance, royalties and & testing of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	Cum	4.46	6,227.88	Rupees Six Thousand Two Hundred Twenty Seven And Eighty Eight Paise Only	27,776.34

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
7	Fly Ash Brick masonry in C.M.(1:6) using Fly Ash Bricks of size 25cm.x12cm.x 8 cm. having crushing strength not less than 75 kgs./cm ² after immersing the bricks for six hours in water before use in Superstructure including splays cutting, circular moulding corbelling, champhering and similar such type of works with watering and curing etc including cost, conveyance, royalties and & testing of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer-In-Charge.	Cum	29.23	5,580.09	Rupees Five Thousand Five Hundred Eighty And Nine Paise Only	1,63,106.03
8	Cutting straightening HYSD Bars/High tensile tor steels, confirming to FE -500 grade bending binding welding and jointing if necessary and tying the grills and placing in position as required for RCC work and for providing fan hooks hoisting lowering and laying including cost, conveyance of HYSD bars/High tensile tor steels and binding wires of 18 to 20 gauge and labour required for the work for bending binding and tying the grills in all floors etc. complete as per direction of E.I.C.(Measurement will be taken excluding cost of binding wire)and payment will be made on the weight of M.S or tor steel only).	Qtl	68.70	8,539.18	Rupees Eight Thousand Five Hundred Thirty Nine And Eighteen Paise Only	5,86,641.67
9	RCC work M-20 having a minimum compressive strength 200kgs/cm ² in 15cm.cubes at 28 days after mixing and tests conducted in accordance with IS.456 and IS.516 using 12mm.to 20mm. size black hard crusher broken granite stone chips of approved quality and from approved quarry including hoisting lowering laying and compact concrete by using vibrator watering and curing for 28 days centering shuttering and finishing the exposed surface smooth providing grooves or beads where necessary including cost, conveyance ,royalties & testing of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per specification & direction of E.I.C.(but excluding cost of M.S Rod or Tor Steel & binding wires)					
a)	Column Base & Footing	Cum	26.05	7161.64	Rupees Seven Thousand One Hundred Sixty One And Sixty Four Paise Only	1,86,560.72
b)	Plinth Band	Cum	9.00	8027.92	Rupees Eight Thousand Twenty Seven And Ninety Two Paise Only	72,251.28
c)	Column and Beam	Cum	17.90	16304.61	Rupees Sixteen Thousand Three Hundred Four And Sixty One Paise Only	2,91,852.52
d)	Lintel	Cum	2.99	14774.71	Rupees Fourteen Thousand Seven Hundred Seventy Four And Seventy One Paise Only	44,176.38
e)	Chajja	Sqm	7.34	1271.87	Rupees One Thousand Two Hundred Seventy One And Eighty Seven Paise Only	9,335.52
f)	Roof Slab	Cum	16.94	14340.37	Rupees Fourteen Thousand Three Hundred Forty And Thirty Seven Paise Only	2,42,925.87

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
10	16mm.thick cement plaster(1:6) finished smooth surface of walls after racking out the joints including watering and curing with cost ,conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge	Sqm	332.45	272.53	Rupees Two Hundred Seventy Two And Fifty Three Paise Only	90,602.60
11	12mm.thick cement plaster in C.M. (1:6) in finished smooth to surface of walls after racking out the joints including watering and curing with cost ,conveyance, royalties of all materials and cost of labour with T&P required for the work etc. complete as per direction of Engineer-In-Charge.	Sqm	179.61	189.36	Rupees One Hundred Eighty Nine And Thirty Six Paise Only	34,010.95
12	Providing 6mm thick cement plaster in cement mortar (1:4) finished smooth in RCC surface, ceiling & finishing the plaster surface smooth using wooden float only to proper plumbs & level and making necessary grooves, beads & drip course to give required ornamental finish as per drawing, watering, curing, scaffolding, screening sand etc. complete with cost, conveyances, royalties, taxes of all materials and cost of all labour with T&P, sundries required for the work etc. complete as per specification & direction of Engineer-in-charge.(In all floors)	Sqm	134.00	211.96	Rupees Two Hundred Eleven And Ninety Six Paise Only	28,402.64
14	Supplying, fitting, fixing of Vitrified Tiles Premium grade (600x600mm, Colour/Printed) in floors, treads, steps and landing slab on 20mm thick bed of cement mortar (1:4) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance and royalty of all materials etc. complete as per direction of the Engineer-in-charge.	Sqm	93.37	1,146.37	Rupees One Thousand One Hundred Forty Six And Thirty Seven Paise Only	1,07,036.57
13	Supplying, fitting, fixing of Vertified Industrial Tile in floors, treads, steps and landing slab on 20mm thick bed of cement mortar (1:4) joined with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty and all taxes of all materials etc. complete as directed by the Engineer – in – Charge.	Sqm	10.60	1,061.90	Rupees One Thousand Sixty One And Ninety Paise Only	11,256.14
15	Supplying, fitting, fixing of Vitrified tiles Premium grade (600x600mm) in dados on 12mm thick bed of cement mortar (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance and royalty of all materials etc. complete as directed by the Engineer – in – Charge.	Sqm	8.99	1,280.86	Rupees One Thousand Two Hundred Eighty And Eighty Six Paise Only	11,514.93

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
16	Supplying, fitting, fixing of Ceramic tiles in dados on 12mm thick bed of cement mortar (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including, rubbing and polishing the surface with cost, conveyance, royalty and all taxes of all materials etc. complete as directed by the Engineer – in – Charge.	Sqm	26.50	995.27	Rupees Nine Hundred Ninety Five And Twenty Seven Paise Only	26,374.66
17	Painting 2 coats with water proofing weather coat of approved shade by means of brush to outside surface of walls complete in all floors with cost, carriage and all taxes of all materials and cost of all labour with T&P required for the work etc. complete in all respect as per direction of the Engineer – in – Charge.	Sqm	179.61	180.97	Rupees One Hundred Eighty And Ninety Seven Paise Only	32,504.02
18	Painting two coats with plastic emulsion paint over a coat of water bond cement primer to make an even finished surface in all floors and heights to wall surface of approved make and shade including sand papering, applying putty wherever necessary & cost of scaffolding, staging charges with cost, conveyance, taxes of all materials, cost of all labour, T&P etc. complete as per the direction of the Engineer-in-charge.	Sqm	418.51	188.89	Rupees One Hundred Eighty Eight And Eighty Nine Paise Only	79,052.35
19	Painting Two coats with Enamel paint on Old/new iron work after cleaning the surface, sand papering etc. including cost and conveyance of all materials, cost of paint with all taxes and cost of all labour with T & P required for the work etc. complete in all respect as directed by Engineer – in – Charge.	Sqm	105.54	267.25	Rupees Two Hundred Sixty Seven And Twenty Five Paise Only	28,205.57
20	Supplying fixing and fittings MS window grills, MS verandha grills and MS grill gate ,Rolling Shutter and door window shutters of approved design and drawing made out of MS flat and MS angle at work site with one coat of anticorrosive red oxide zink chrome primer including cutting holes in brick or RCC walls and fixing with CC (1:3:6) including cost, conveyance and royalty of all materials all labour T&P required for the work complete (payment will be made on weight basis only)(In all floors)	Kg	1793.63	100.00	Rupees One Hundred Only	1,79,363.00
21	Supplying, fitting, fixing of P.V.C. Door with frame of approved quality including all required hardware fittings etc. complete including cost, conveyance, royalty, taxes, labour, T&P etc. complete as per direction of the Engineer – in – Charge.	Sqm	3.90	1,955.90	Rupees One Thousand Nine Hundred Fifty Five And Ninety Paise Only	7,628.01
22	Labour for fitting and fixing of GI doors, windows gates asper approved design including fixing of door and windows clamps with CC(1:3:6) using 12mm size hbg chips and curing 7das after fixing the clamps including cost, conveyance, royalty, taxes etc complete.	Sqm	38.34	93.32	Rupees Ninety Three And Thirty Two Paise Only	3,577.89

SN	Description of Work	Unit	Quantity	Estimated Rate in Rs	Rate in Words	Amount
23	Providing, fitting & fixing 5mm thick plane glass including cost of labour charges & cost of scaffolding & cost of putty etc compete.	Sqm	6.48	884.30	Rupees Eight Hundred Eighty Four And Thirty Paise Only	5,730.26
Total						Rs 24,65,212.96

Rupees Twenty Four Lakhs Sixty Five Thousand Two Hundred Twelve And Ninety Six Paise Only

[Signature]
Assistant Engineer
Kamakhyanagar Block

[Signature]
Assistant Executive Engineer
Kamakhyanagar Block

[Signature]
Block Development Officer
Kamakhyanagar

[Signature]
Asst. Engineer
Zilla Parishad, Dhenkanal

[Signature]
Assistant Executive Engineer
Zillaparisad. Dhenkanal

[Signature]
Addl. Executive Officer (Tech.)
Zilla Parishad, Dhenkanal

My / Our quoted rate of _____ (both in figures & words) Excess over / Less than / Equal to the above estimated cost and tendered amount is Rs. Only

Total No. of pages (Enclosed) other than DTCN _____ pages

Notes :- The Contractor should not write any thing except quoting of Percentage , Excess / Less / Equal to the Estimate up to two decimal points only.

CONDITIONS :- All materials, Labour, Machinaries and Equipments required to complete the work in all respect be arranged by the tenderer at his own cost . The Employer will bear no responsibility in this aspect.

N.B :- GST, Income Tax, Royalties, Labour cess as applicable will be deducted from the bill of the contractor for all above works the minimum grade of cement shall be OPC, TMT High strength steel Fe - 500 like SAIL / TISC

CONTRACTOR

BLOCK DEVELOPMENT OFFICER,
KAMAKHYANAGAR