



OFFICE OF THE DEPUTY DIRECTOR  
NANDANKANAN ZOOLOGICAL PARK

**TENDER NOTICE NO-16/2022**

TENDER FOR CONSTRUCTION OF MOAT / HEXAGON VISITORS VIEW POINT/  
PENTAGON VISITORS VIEW POINT/ FEEDING CELL AND KEEPERS' ROOM  
INCLUDING ELECTRIFICATION AND WATER SUPPLY / KRAAL-02 NOS. IN THE  
PRIMATE ENCLOSURE INSIDE NANDANKANAN ZOOLOGICAL PARK FOR THE  
YEAR, 2021-22

<u>Particulars</u>	<u>Date &amp; Time</u>
Date of quotation document available at website: <a href="http://www.nandankanan.org">www.nandankanan.org</a>	23.02.2022
Last Date of Submission of EOI:	12.00 NOON of 28.02.2022
Date of Opening of Technical bid & Financial Bid :	2.30 PM of 28.02.2022
Address for sending Physical Documents	Deputy Director, Nandankanan Zoological Park, PO: Barang (Near Nandankanan Police Station) DIST: Khordha, Odisha, PIN: 754005.
Place of Opening of Bids	Conference Hall / Office chamber of Dy. Director, Nandankanan Zoological Park.

**Form- A**  
**Format of Technical Bid**

Photograph of  
the bidder  
shall be  
pasted here  
duly self  
signed in front

- CONSTRUCTION OF MOAT / HEXAGON VISITORS VIEW POINT/ PENTAGON VISITORS VIEW POINT/ FEEDING CELL AND KEEPERS' ROOM INCLUDING ELECTRIFICATION AND WATER SUPPLY / KRAAL-02 NOS. IN THE PRIMATE ENCLOSURE INSIDE NANDANKANAN ZOOLOGICAL PARK FOR THE YEAR, 2021-22

1. Name of tenderer  
/Firm/Agency :
  2. Address of tenderer  
/Firm/Agency for  
Correspondence :
  3. Telephone & Email :
  4. ID proof :
  5. Residential address proof :  
(To be supported with copy  
of Telephone/electric bill  
of December-21, January-22  
/driving license/ Aadhar Card)
  6. PAN Number of tenderer :
  7. GST registration Number :
  8. Name, Branch & Account No. of tenderer:
  9. Particulars of EMD for single or  
multiple items should be written clearly:  
(Bank Draft No. &  
Name of Drawee Bank)
  10. Credibility & experience certificate for similar type of work (if any):
- **Certified that I have read the Terms and Conditions of tender and Contract appended with this form and I agree to the terms and Conditions.**

Date:

Place:

**Signature of the Bidder**





## Form- B

### Format of Financial Bid

Photograph of  
the bidder shall  
be pasted here  
duly self signed  
in front

- ❖ (CONSTRUCTION OF MOAT / HEXAGON VISITORS VIEW POINT/ PENTAGON VISITORS VIEW POINT/  
FEEDING CELL AND KEEPERS' ROOM INCLUDING ELECTRIFICATION AND WATER SUPPLY / KRAAL-02  
NOS. IN THE PRIMATE ENCLOSURE INSIDE NANDANKANAN ZOOLOGICAL PARK FOR THE YEAR, 2021-22)

1. Name and address of  
Bidder /Firm/Agency:

Sl. No.	Item of Work	EMD Required (in Rs.)	Ceiling price of construction work (In lakhs.) including of service charges and all taxes	Rate Quotated both <b>In Rs. &amp; words</b> (including service charge and all taxes)
1	HEXAGONAL SHAPED VISITORS VIEW POINT - 1NO.	<b>43,000/-</b>	<b>4.32 lakhs</b>	
2	PENTAGONAL SHAPED VISITORS VIEW POINT - 2 NO.	<b>90,000/-</b>	<b>8.90 lakhs</b>	
3	FEEDING CELL AND KEEPER'S ROOM INCLUDING ELECTRIFICATION AND WATER SUPPLY	<b>1,39,000/-</b>	<b>13.95 lakhs</b>	
4	MOAT WITH RETAINING WALL	<b>3,80,000/-</b>	<b>38.00 lakhs</b>	
5	BACK KRAAL - 2NO.	<b>60,000/-</b>	<b>5.90 lakhs</b>	

#### Note:

- A) Price should be quoted in Indian Currency only.  
B) If the bidder has quoted certain optional items other than above, that item shall not be taken into consideration for the evaluation of their price bid.  
C) The bidder may quote for single or multiple items as per the above list.  
D) All the building materials required as per specification will be supplied by the Nandankanan authority.

Date:

Place:

Signature of the Bidder

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**TERMS AND CONDITIONS FOR CONSTRUCTION OF MOAT / HEXAGON VISITORS VIEW POINT/ PENTAGON VISITORS VIEW POINT/ FEEDING CELL AND KEEPERS' ROOM INCLUDING ELECTRIFICATION AND WATER SUPPLY / KRAAL-02 NOS. / IN THE PRIMATE ENCLOSURE INSIDE NANDANKANAN ZOOLOGICAL PARK FOR THE YEAR, 2021-22**

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1. Sealed Tender in prescribed Forms are invited by the Deputy Director, Nandankanan Zoological Park, Barang from the interested individuals/ Firms/ agencies/ companies for Construction of Moat / Hexagon Visitors View Point/ Pentagon Visitors View Point / Feeding Cell and Keepers' Room Including Electrification And Water Supply / Kraal-02 Nos. in the Primate Enclosure inside Nandankanan during, 2021-22.
2. Form of Tender: The Tender form will consist of two parts, (i) Form-A (Technical) and (ii) Form-B (Financial). Form A (Technical) & Form B (Financial) are to be kept in two separate sealed covers over which it has to be written clearly "Form-A" / "Form-B" as the case may be and both the covers should be kept in a single sealed cover super-scribing "Tender for Construction of Moat / Hexagon Visitors View Point/ Pentagon Visitors View Point / Feeding Cell and Keepers' Room Including Electrification And Water Supply / Kraal-02 Nos. in the Primate Enclosure inside Nandankanan during, 2021-22" and the name of the tenderer or else tender shall not be considered. The tender shall apply for single or multiple item of work mentioned in the financial bid.
3. Tender form can be downloaded from the website of Nandankanan Zoological Park [www.nandankanan.org](http://www.nandankanan.org) and submitted with a Bank Draft of Rs.4,720/- (Rupees four thousand seven hundred twenty) only inclusive of 18% GST drawn in favour of the Deputy Director, Nandankanan Zoological Park in any nationalized Bank payable at Bhubaneswar towards cost of tender papers. The cost of tender papers is not refundable under any circumstances.
4. The tender should be addressed to the Deputy Director, Nandankanan Zoological Park, PO: Barang Dist: Khordha PIN-754005 and dropped in tender box / submitted by registered post so as to reach the office of the undersigned by 12.00 noon of 28.02.2022.





5. The sealed tender will be opened at 2.30 PM on 28.02.2022 in the Conference Hall of Nandankanan Zoological Park in presence of the tender opening committee under chairmanship of Deputy Director, Nandankanan Zoological Park in presence of the tenderer or their authorized representatives.
6. Tender received beyond the schedule date & time will not be considered. Once opened, no tenderer will be allowed to withdraw till finalization of the tender process.
7. The successful tenderer should follow all the prevailing labour rules & regulations by the Govt. of Odisha / Govt. of India.
8. The tender should be accompanied with the following documents:
  - A. Passport size photograph of the tenderer.
  - B. EMD in shape of Demand Draft drawn in favour of Deputy Director, Nandankanan Zoological Park on any Nationalized Bank payable at Bhubaneswar as specified in Form "B" for individual items of work.
  - C. Self attested copies of following documents must be attached along with application:
    - I. Copy of the PAN Card
    - II. Copy of the Aadhar Card
    - III. Income Tax Clearance Certificate.
    - IV. Copy of GST Registration Certificate
  - D. Valid labour license certificate under contract labour (Regulation and abolition) Act, 1970 / Contractor license "C" or above.
  - E. Proof of being a registered man-power service provider in the related field with Valid Registration Certificate of the firm / Society / entrepreneur / Company.
9. Preferences will be given for credibility and experience certificate issued from any related concerned Authority / Employer of a Govt. / ULB / PSU of repute with a minimum period of **02** (Two) years for the works of similar nature.
10. The tender without related documents shall be liable for rejection.
11. The tenderer / agency will **quote the rate** for Construction of Moat / Hexagon Visitors View Point/ Pentagon Visitors View Point / Feeding Cell and Keepers' Room Including Electrification and Water Supply / Kraal-02 Nos. in the Primate Enclosure inside Nandankanan during, 2021-22 as per the scope of work mentioned in Para No.35. The rate to be quoted inclusive of all taxes & other



incidental charges and shall be both in figures & words as per the format specified in Financial Bid (Form- "B").

12. After finalization of the tenderer, the successful tenderer / Agency shall be required to be made an agreement with the Deputy Director. Nandankanan Zoological Park.
13. The term 'Deputy Director' wherever mentioned in the document of Agreement shall mean the "Nandankanan Biological Park" authority. The term "Agency" wherever mentioned in the document shall mean the party selected for award of the contract. The term "Contract" means the agreement between the "Deputy Director" and "Agency" which would be signed at the time of awards the work assignment.
14. The tenderer has to submit EMD separately for each item of work.
15. **The EMD shall subject to forfeiture in the following cases:**
  - a. In case the successful tenderer withdraws from the tender after opening of his bid.
  - b. In case the successful tenderer does not come forward to sign the agreement within the stipulated time period by the Deputy Director.
16. The EMD of successful tenderer shall be only returned after successfully completion of the tender process.
17. The successful tenderer or his authorized agent for the work has to in contact with the Range Officer, Sanctuary Management for completion of work in time.
18. The required materials will be supplied departmentally by the Range Officer, Sanctuary Management Nandankanan Zoological Park.
19. The successful tenderer has to submit security deposit in the form of Bank Draft drawn in favour of Deputy Director, Nandankanan Zoological Park on any Nationalized Bank payable at Bhubaneswar which is 10% of the bid value on or before the execution of agreement for individual item of work. The successful tenderer in the event of any unwanted occurrence or breach of contract the compensation as assessed by the undersigned shall be recovered from his security deposit.

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20. During the period of contract the successful tenderer shall provide uninterrupted service with diligently, honestly and to the satisfaction of the Deputy Director / authorities of Nandankanan Biological Park.
21. The successful tenderer shall be entirely responsible regarding genuineness and identity of the workers engaged by him and should provide ID proof during Construction of each tender item of primate enclosure inside Nandankanan Zoological Park.
22. The Construction of each tender item of primate enclosure inside Nandankanan Zoological Park should be completed on or before **25.03.2022** positively. The completion of the work as per agreement should be jointly signed and handed over to the Range Officer, Sanctuary Management.
23. If the Successful tenderer fails to perform his Construction of each tender of work inside Nandankanan Zoological Park under scope of work at para **No.35** on or before **25.03.2022**, the proportionate payment for the work shall not be considered / forfeiture of the Security Deposit as per recommendation of Range Officer, Sanctuary Management and Asst. Conservation of Forest, Sanctuary Management for deviation of quality / quantity of the works.
24. The Security Deposit will be refunded after two months of completion of work.
25. The successful tenderer shall pay all taxes to the Govt. in accordance with the existing Acts, Rules, notification and regulations. T.D.S will be deducted as per prevailing rules.
26. It is not binding on the part of the authority to accept the lowest tenderer and Deputy Director, Nandankanan Zoological Park reserves all the rights to reject any or all the tenderers without assigning any reason thereof.
27. An undertaking from the tenderer indicating that he has not been black listed by any government department or any organization in India for participating in EOI previously.
28. The duly filled technical bid along with supporting documents must be submitted in hard copy in time.

29. The original bid document dully signed and stamped on each page as a token of acceptance of terms & conditions of the tender document.
30. In case any dispute arising between the Deputy Director and the contractor as the matter arising under this contract such dispute shall be referred to the Director of Nandankanan Biological Park, Bhubaneswar within one week from the date of dispatch of the order by registered post acknowledgement due and his decision thereon shall be final.
31. The Deputy Director, Nandankanan Zoological Park has the right to annul, add, and modify any of the terms & conditions above without any notice in the interest of public.
32. Canvassing in any other form relating to the bidder is strictly prohibited and the bid submitted by the bidder who resorts to canvassing will be liable for rejection. The bids which do not fulfill any or all of the conditions or incomplete in any respect and incorporating additional conditions other than the conditions as mentioned herein are liable for rejection.
33. All Appeals shall be made to the Director of Nandankanan Biological Park, Bhubaneswar whose decision thereon shall be final.
34. All disputes those may arise in future shall be subject to the jurisdiction of the SDJM, Bhubaneswar only.

Signature of the Bidder  
Date:

Deputy Director  
Nandankanan Zoological Park

#### **UNDERTAKING**

I ..... S/o .....

At..... Po..... Ps.....

Dist ..... do hereby undertake that I have read all the terms & conditions and agrees execution of construction / renovation work inside Nandankanan Zoological Park for the financial year, 2021-22 on or before **25.03.2022**.

**Signature of the Bidder**

Date:

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### 35. SCOPE OF WORK:

HEXAGONAL SHAPED VISITORS VIEW POINT			
Sl.	Work description	Quantum of Work	Unit
1	Labour charges T&P for providing Earth work excavation of foundation trenches in all kinds of soil with in 50 mtr initial lead & 1.5 mtr initial lift including dressing & levelling the bed, cost, carriage & conveyance etc complete as per the direction of the authorized officer.	50.632	Cum
2	Labour charges for Filling foundation and plinth with excavated materials in all kind of soil well watered and rammed as per direction of the authorized officer.	29.775	Cum
3	Labour charges for Filling foundation and plinth with sand well watered and rammed	91.452	Cum
4	Labour charges for Cement concrete (1:3:6) using 4 cm size graded metal	10.002	Cum
5	Labour charges for T&P for providing Brick work with fly ash bricks (25*12*8 cm) having crushing strength not less than 75kg/Cm <sup>2</sup> in c.m (1:6) for foundation & plinth as per direction of the Engineer-in-charge.	15.945	Cum
6	Labour charges for Brick works with fly ash bricks (25cmx12cmx8cm) having crushing strength not less than 75kg/cm <sup>2</sup> in C.M.(1:6) in super structure.	14.246	Cum
7	Labour charges for R.C.C. work of M-20 grade with 20mm and down grade crosser broken hard granite stone chips. T & P, required for the work.	35.414	Cum
8	Labour charges for Rigid & smooth centring & shuttering for R.C.C. works including false work & dismantling them after casting.	254.75	Sqm.
9	Labour charges for fitting & placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	37.058	Qntl
9	Labour charges for providing 16mm thick cement plaster (1:6) over brick massonary work including cost, conveyance, royalties of all materials etc. complete.	128.588	Sqm.
10	Labour charges for providing 12mm thick cement plaster in c.m. (1:6) over brick work with load, royalties curing etc all complete as per direction of Engineer -in-charge.	65.555	Sqm.
11	Labour charges and T&P for 2.5 cm thick grading concrete (1:2:2) on roof slab with c.p. (1:4) including conveyance and royalty of the material etc complete as per direction by the Engineer in Charge	81.499	Sqm.
12	Labour charges and T&P for providing finishing walls with two coat weather coat over a coat of primer etc. Complete as per direction of Engineer -in -charge.	152.377	Sqm.
13	Labour charges and T&P for providing finishing walls with putty & two coat Distemper coat over a coat of primer etc. Complete as per direction of Engineer -in -charge.	251.138	Sqm.
14	Labour charges for Priming one coat with approved prime over iron door with frames including conveyance, taxes, royalty etc. complete.	12.150	Sqm
15	Labour charges for Painting 2 coats with any approved paint on new iron work including cost of all labours and materials etc. all complete.	12.150	Sqm
16	Labour charges and T&P for fitting fixing of Door, window, grill, gate at openings including cost carriage and royalty including cost as per direction of Er-in-charge.	177.379	Sqft
17	Labour charges for Fixing Ceramic tiles of size (300mm X 300mm ) in floors on 25mm thick bed & cement mortar 1:1 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete etc. as per direction of Engineer in Charge.	71.740	Sqm
18	Labour charges for Fixing Ceramic tiles of size (300mm X 300mm ) in floors on 25mm thick bed & cement mortar 1:1 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete etc. as per direction of Engineer in Charge.	81.499	Sqm

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**PENTAGONAL SHAPED VISITORS VIEW POINT**

Sl.	Work description	Quantum of Work	Unit
1	Labour charges T&P for providing Earth work excavation of foundation trenches in all kinds of soil with in 50 mtr. initial lead & 1.5 mtr. initial lift including dressing & levelling the bed, cost, carriage & conveyance etc complete as per the direction of the Engineer-in-charge.	33.900	Cum
2	Labour charges for Filling foundation and plinth with excavated materials in all kind of soil well watered and rammed as per direction of the Engineer-in-charge.	20.759	Cum
3	Labour charges for Filling foundation and plinth with sand well watered and rammed.	114.869	Cum
4	Labour charges for Cement concrete (1:3:6) using 4 cm size graded metal.	11.840	Cum
5	Labour charges T&P for providing Brick massonary work with fly ash bricks (25*12*8 cm) having crushing strength not less than 75kg/Cm <sup>2</sup> in c.m. (1:6) for foundation & plinth as per direction of the Engineer-in-charge.	16.275	Cum
6	Labour charges for Brick works with fly ash bricks (25cmx12cmx8cm) having crushing strength not less than 75kg/cm <sup>2</sup> in C.M.(1:6) in super structure.	16.911	
7	Labour charges for R.C.C. work of M-20 grade with 20mm and down grade crosser broken hard granite stone chips including hoisting and laying.	30.781	Cum
8	Labour charges for Rigid & smooth centring & shuttering for R.C.C. works including false work & dismantling them after casting in ground floor.	256.7175	Sqm
9	Labour charges for fitting & placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	27.219	Qntl
9	Labour charges T&P for providing 16mm thick cement plaster (1:6) over brick massonary work.	131.250	Sqm
10	Labour charges T&P for providing 12mm thick cement plaster in c.m (1:6) over brick work with load, royalties curing etc all complete as per direction of Engineer -in-charge.	76.395	Sqm
11	Labour charges T&P 2.5 cm thick grading concrete (1:2:2) on roof slab with c.p (1:4) as per direction by the Engineer in Charge	95.000	Sqm
12	Labour charges T&P for providing finishing walls with two coat weather coat over a coat of primer etc. Complete as per direction of Engineer -in -charge.	152.463	Sqm
13	Labour charges T&P for providing finishing walls with putty & two coat Distemper coat over a coat of primer etc. Complete as per direction of Engineer -in -charge.	275.893	Sqm
14	Labour charges for Priming one coat with approved prime over iron door with frames.	12.150	Sqm
15	Labour charges for Painting 2 coats with any approved paint on new iron work.	12.150	Sqm
16	Labour charges and T&P for fitting fixing of Door, window, grill, gate at openings including cost carriage and royalty including cost as per direction of Er-in-charge. Entry & Exit Door: 2no. On LS PVV Glass (LAMINATED 13.2MM): 1no.	80.216	Sqft
17	Labour charges for Providing & Fixing Ceramic tiles of size (300mm X 300mm ) in floors on 25mm thick bed & cement mortar 1:1 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete etc. as per direction of Engineer in Charge.	85.910	Sqm
18	Labour charges for Providing & Fixing Ceramic tiles of size (300mm X 300mm ) in floors on 25mm thick bed & cement mortar 1:1 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete etc. as per direction of Engineer in Charge.	95.000	Sqm

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**FEEDING CELL & KEEPERS ROOM INCLUDING ELECTRIFICATION AND WATER SUPPLY**

Sl.	Work description	Quantum of Work	Unit
1	Labour charge and T&P for providing Earth work excavation of foundation trenches in all kinds of soil with in 50 mtr initial lead & 1.5 mtr initial lift including dressing & levelling the bed, cost, carriage & conveyance etc complete as per the direction of the Engineer-in-charge.	31.217	Cum
2	Labour charge and T&P for Filling foundation and plinth with excavated materials in all kind of soil well watered and rammed as per direction of the Engineer-in-charge.	58.401	Cum
3	Labour charge and T&P for Filling foundation and plinth with sand well watered and rammed including all conveyance, taxes, royalty etc. complete.	244.981	Cum
4	Labour charge and T&P for Cement concrete (1:3:6) using 4 cm size graded metal including all conveyance, taxes, royalty etc. complete.	28.572	Cum
5	Labour charge and T&P for providing Brick work with fly ash bricks (25*12*8 cm) having crushing strength not less than 75kg/Cm <sup>2</sup> in c.m (1:6) for foundation & plinth including all cost ,lead, royalties & curing etc all complete as per direction of the Engineer-in-charge.	61.976	Cum
6	Labour charge and T&P for Brick works with fly ash bricks (25cmx12cmx8cm) having crushing strength not less than 75kg/cm <sup>2</sup> in C.M.(1:6) in super structure including cost, conveyance, royalties of all complete.	57.404	Cum
7	Labour charge and T&P for fitting & placing uncoated HYSD bar reinforcement complete as per drawing and technical specification including cost, conveyance of all complete.	90.029	Qntl
8	Labour charge and T&P for R.C.C. work of M-20 grade with 20mm and down grade crosser broken hard granite stone chips including hoisting and laying including conveyance, royalties and taxes of all complete as per direction of E.I.C.	48.522	Cum
9	Labour charge and T&P for Rigid & smooth centring & shuttering for R.C.C. works including false work & dismantling them after casting in ground floor	205.953	Sqm
10	Labour charge and T&P for providing 16mm thick cement plaster (1:6) over brick massonary work including conveyance, royalties of all complete.	253.389	Sqm
11	Labour charge and T&P for providing 12mm thick cement plaster in c.m (1:6) over brick work with all load, royalties curing etc all complete.	296.853	Sqm
12	Labour charge and T&P for 2.5 cm thick grading concrete (1:2:2) on roof slab with c.p (1:4) including conveyance of all complete as per direction by the Engineer in Charge	222.298	Sqm
13	Labour charge and T&P for Fixing tiles in floors, treads of steps & landing on 25mm thick bed of cement mortar 1:1(1 cement:1 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing & polishing complete.	164.525	Sqm
14	Labour charge and T&P for providing finishing walls with two coat weather coat over a coat of primer etc. Complete as per direction of Engineer -in -charge.	260.160	Sqm
15	Labour charge and T&P for providing finishing walls with putty & two coat Distemper coat over a coat of primer etc. Complete as per direction of Engineer -in -charge.	610.581	Sqm
16	Labour charge and T&P for fitting fixing of Square Mesh (2"X2"X8) including carriage and royalty as per direction of Er-in-charge.	5.400	Sqm
17	Labour charge and T&P for Iron work wrought and put up in trusses and record racks	83.000	kg
18	Labour charge and T&P for Priming one coat with approved prime over iron door with frames including conveyance, taxes, royalty all complete.	148.050	Sqm
19	Labour charge and T&P for Painting 2 coats with any approved paint on new iron work.	148.050	Sqm
20	Supplying, fitting fixing of Hing Door, Sliding door at openings including cost carriage and royalty including cost as per direction of Er-in-charge. Toilet Door- 1no., Sliding Door - 12no., Hing Door-18 no., Gate- 2no.		

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MOAT WITH RETAINING WALL

Sl.	Work description	Quantum of Work	Unit
1	Charges for labour and T&P for providing Earth work excavation of foundation trenches in stoney earth with in 50 mtr initial lead & 1.5 mtr. initial lift including dressing & levelling the bed, carriage & conveyance etc complete as per the direction of the Engineer-in-charge.	10653.730	Cum
2	Charges for labour and T&P for Filling foundation and plinth with excavated materials in stoney earth well watered and rammed as per direction of the Engineer-in-charge.	3982.360	Cum
3	Charges for labour and T&P for Filling foundation and plinth with sand well watered and rammed including conveyance, taxes, royalty etc. complete.	47.377	Cum
4	Charges for labour and T&P for Cement concrete (1:3:6) using 4 cm size graded metal including conveyance, taxes, royalty etc. complete.	81.999	Cum
	Charges for labour and T&P for Latrite stone masonry in dry in foundation & plinth below ground level beyond 4.5m depth in well stenning.	86.741	Cum
5	Charges for labour and T&P for providing Brick work with Fly ash Brick in cement mortar (1:6) in foundation and plinth. including carriage and royalty of all complete.	610.9787812	Cum
6	Charges for labour and T&P for R.C.C. work of M-20 grade with 20mm and down grade crosser broken hard granite stone chips including hoisting and laying including conveyance, royalties and taxes all complete as per direction of E.I.C.	20.49975	Cum
7	Charges for labour and T&P for fitting & placing uncoated HYSD bar reinforcement complete as per drawing and technical specification including conveyance of all complete.	16.413672	Qntl
8	Charges for labour and T&P for Latrite stone masonry in CM(1:6) in foundation & plinth in well stenning below ground level beyond 1.5m and upto 4.5m depth in well stenning.	16.000	cum
9	Charges for labour and T&P for Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V:20H towards drawing face.	267.440	mtr
10	Charges for labour and T&P for Metal spall backing in the rear of wall stenning or weep holes of abutments and for deep drains.	524.794	cum
11	Charges for labour and T&P for providing 12 mm thick cement plaster (1:6) over brick including carriage and royalty of all complete.	2551.08	Sqm
12	Charges for labour and T&P for providing finishing walls with two coat weather coat over a coat of primer etc. Complete as per direction of Engineer -in -charge.	2551.08	Sqm

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BACK KRALL – 02 NO.

Sl.	Work description	Quantum of Work	Unit
1	Labour charge and T&P for providing Earth work excavation of foundation trenches in all kinds of soil with in 50 mtr initial lead & 1.5 mtr initial lift including dressing & levelling the bed, cost, carriage & conveyance etc complete as per the direction of the Engineer-in-charge.	47.481	Cum
2	Labour charge and T&P for Filling foundation and plinth with excavated materials in all kind of soil well watered and rammed as per direction of the Engineer-in-charge.	236.565	Cum
3	Labour charge and T&P for Filling foundation and plinth with sand well watered and rammed including all conveyance, taxes, royalty etc. complete.	81.942	Cum
4	Labour charge and T&P for Cement concrete (1:3:6) using 4 cm size graded metal including all conveyance, taxes, royalty etc. complete.	6.189	Cum
5	Labour charge and T&P for providing Brick work with fly ash bricks (25*12*8 cm) having crushing strength not less than 75kg/Cm <sup>2</sup> in c.m (1:6) for foundation & plinth including all cost ,lead, royalties & curing etc all complete as per direction of the Engineer-in-charge.	10.921	Cum
6	Labour charge and T&P for Brick works with fly ash bricks (25cmx12cmx8cm) having crushing strength not less than 75kg/cm <sup>2</sup> in C.M.(1:6) in super structure including cost, conveyance, royalties all complete.	8.293	Cum
7	Labour charge and T&P for R.C.C. work of M-20 grade with 20mm and down grade crosser broken hard granite stone chips including hoisting and laying including cost, conveyance, royalties and taxes all complete as per direction of E.I.C.	5.730	Cum
8	Labour charge and T&P for Rigid & smooth centring & shuttering for R.C.C. works including false work & dismantling them after casting in ground floor	45.329672	Sqm
9	Labour charge and T&P for fitting & placing uncoated HYSD bar reinforcement complete as per drawing and technical specification including cost, conveyance all complete.	4.198	Qntl
10	Labour charge and T&P for providing 12mm thick cement plaster in c.m (1:6) over brick work with all load, royalties curing etc all complete as per direction of Engineer -in-charge.	97.804	Sqm
11	Labour charge and T&P for providing finishing walls with putty & two coat weather coat over a coat of primer etc. Complete as per direction of Engineer -in-charge.	97.804	Sqm
12	Labour charge and T&P for fitting fixing of Square Mesh (2"X2"X8) including carriage and royalty including cost as per direction of Er-in-charge.	233.410	Sqm
13	Labour charge and T&P for Hoisting joists and trusses and placing in position.	621.000	kg
14	Labour charge and T&P for Iron work wrought and put up in trusses and record racks.	615.000	kg
15	Labour charge and T&P for drilling holes 6mm to 12mm dia in iron flats, angles, tees etc. of 6mm to 10mm thick with hand Drill.	424.000	Nos
16	Labour charge and T&P for Priming one coat with approved prime over iron door with frames including all conveyance, taxes, royalty etc. complete.	233.410	Sqm
17	Labour charge and T&P for Painting 2 coats with any approved paint on new iron work.	233.410	Sqm
18	Supplying, fitting fixing of Hing Door at openings including cost carriage and royalty including cost as per direction of Er-in-charge.	1.000	Nos

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