



BANK NOTE PRESS DEWAS - 455001 (M.P.)
A Unit of Security Printing and Minting Corporation of India Limited
Miniratna Category - I CPSE
Wholly owned by Government of India
Web: <http://bnpdewas.spmcil.com> Tel:07272-255222
E-Mail:bnpdewas@spmcil.com Fax:07272-255111
Telegram : BANOPRIN CIN: U22213DL2006GOI144763
GSTIN : 23AAJCS6111J2ZF

Not Transferable

Security Classification:

**TENDER DOCUMENT FOR HIRING OF: CONSTRUCTION OF 30
METER BOUNDARY WALL AT CISF BARRACK BNP DEWAS**

**Tender Number: 6000017020 /BNP/P/CIV/BWALL/21/LT, Dated:
02.12.2021**

This Tender Document Contains _____ Pages.

Tender Document is sold to:

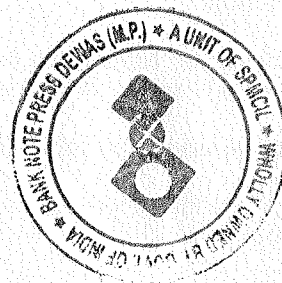
Security Printing and Minting (SPMCIL)
SPML
110001 DELHI
INDIA

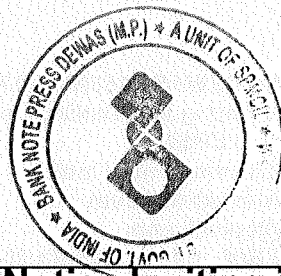
Details of Contact person in SPMCIL regarding this tender:

Name: DIGANTA KUMAR DEKA

Designation: Add. General Manager

Address: BNPD (Bank Note Press, Dewas)
India





Tender Number:6000017020

Section1: Notice Inviting Tender (NIT)

6000017020 /BNP/P/CIV/BWALL/21/LT

02.12.2021

(SPMCIL's Tender SI No.)

(Date)

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
1	C/o boundary wall at CISF barrack	1.000 AU	0.00INR	
1	C/o 30 meter Boundary wall at CISF barra	1.000AU		
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			ONE-BID LIMITED	
Dates of sale of tender documents:			From to during office hours.	
Place of sale of tender documents			NA	
Closing date and time for receipt of tenders			24.12.2021 00:00:00	
Place of receipt of tenders			BNP DEWAS	
Time and date of opening of tenders			24.12.2021 00:00:00	
Place of opening of tenders			BNP DEWAS	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			DIGANTA KUMAR DEKA Add. General Manager	

Interested tenderers may obtain further information about this requirement from the above office issuing the documents. They may also visit our website mentioned above for further details.

3. Tenderers shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are dropped in the tender box located at the address given below on or before the closing date and time indicated in the Para 1 above, failing which the tenders will be treated as late and rejected.

Address

The Chief General Manager,
Administration Block Gate,
Bank Note Press, Dewas (M.P.) 455001 India

4. In the event of any of the above mentioned dates being declared as a holiday/ closed day for the purchase organization, the tenders will be sold/ received/ opened on the next working day at the appointed time.

5. The rates offered by the bidder should be valid for 90 days from the date of opening of tender.

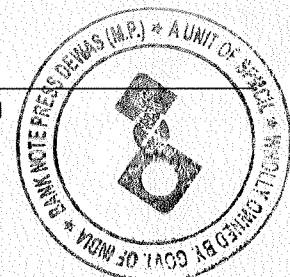
6. For details regarding General Instruction to the Tenderers, please visit our website
<http://www.spmcil.com/spmcil/UploadDocument/GIT.pdf>

7. For details regarding General Instruction to the Tenderers, please visit our website
<http://www.spmcil.com/spmcil/UploadDocument/GCC.pdf>

8. The bidder has to submit quotation strictly as per our tender enquiry specifications & terms & conditions only.

9. The sealed envelope containing quotation should be super scribed as tender no.6000017020/BNP/P/Civ/B-Wall/21/LT for construction of 30 meter boundary wall at CISF barrack BNP Dewas - Due on: up to 14.30 hrs.

Regd. Office:-16th Floor, Jawahar Vyapar Bhawan, Janpath, New Delhi-110001
Sec01.1




10. Section VIII, IX, XII, XIII, XIV, XV and XVII are not applicable.

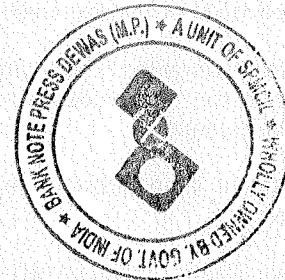
11. This notice is being published only as an abundant precaution and is not an open invitation to quote in the Tender. Participation in this tender is by invitation only and is limited to the selected SPMCIL's Registered Bidders for the item, who have been sent this Tender by Post/Courier (as per list enclosed). Unsolicited offers are liable to be ignored.

12. The bidder should not be suspended/ banned by any Ministry/ Deptt. of Government of India or by any State Govt. Undertaking/declaration certificate for the same must be submitted.

13. Material description/Scope of work: The item having the specifications in Section VII while the codes mentioned in Section 1 (NIT) & Section 6 (List of requirement) is our internal code of the BNP Dewas which is not having any standard/relevance in the domestic market.

14. RIGHT OF ACCEPTANCE: The Chief General Manager, Bank Note Press, Dewas reserves the right to reject any or all tenders without assigning any reasons thereof.


(Diganta Kumar Deka)
Additional General Manager (Materials)
For & on behalf of The Chief General Manager
Bank Note Press, Dewas
Ph. No. 07272 - 268468/464/253; Fax No. 07272 - 255111
E-mail: bnppurchase@spmcil.com;



.....
.....
(Name Designation, Address telephone number etc
of the officer signing the document)

For and on behalf of
.....

Section VI: List of Requirements

Schedule No.	Breif Description of goods and services (Related Specifications etc. are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remarks
1	C/o boundary wall at CISF barrack	AU	1.000	0.00INR	

Required Delivery Schedule: The work should be completed within one month from the date of Purchase Order.

2. Required terms of Delivery & Destination: FOR BNP Dewas Basis.

3. The following undertaking needs to be invariably submitted along with the offer failing which the offer shall be rejected and no further communication shall be entertained.

Undertaking:

Our offer against tender No: 6000017020/BNP/P/Civil/B-Wall/21/LT doesn't contain any deviation from the stipulated tender conditions and we accept all the terms and conditions of the tender enquiry without any deviations.

4. Your bid should be strictly submitted as per NIT Cl.4 of Section 1. No single page offer shall be considered as a valid offer.

5. Address: Bank Note Press, Dewas (M.P.) 455001.

6. Preferred mode of Transportation: As desired by the bidder which should be in safe and secured manner.

7. Guarantee/Warranty: This warranty shall remain valid for 12 months after the goods or any portion thereof as the case may be, have been delivered to Bank Note Press Dewas and accepted by Bank Note Press Dewas in terms of the contract.

8. Replacement: if the material is rejected for any reason, firm have to replace the material at firms own cost and risk from our press.

9. Payment Terms: Payment will be done on actual measurement basis after inspection and acceptance by Engineer-In-Charge/ authorized representative of Chief General Manager BNP Dewas and after submission of all required documents. Therefore suppliers/service providers have to produce all the bank details such as -Name of Bank, Account no., IFSC code, MICR no. along with the tender document. The Firm has to provide the RTGS Details as mentioned below:

Name of Bank:

Account No.:

IFSC Code:

MICR Code:

2. Earnest Money Deposit: Against EMD, bidder firm have to submit a sealed & signed #Bid Security Declaration# accepting that if the firm withdraw or modify their bid during the period of bid validity after opening of tender they will be suspended for a period of 3 years from the date of opening of tender. (As per letter no. F.9/4/2020-PPD Ministry of Finance, Department of Expenditure dated 12.11.2020).

In addition to above, firms participating as MSE/NSIC/DIC/Start-up India Campaign, needs to enclosed certificates containing validity (including registered category-if any).

as per MSE guidelines issued by MoMSME.

11. Security Deposit: If the value of purchase order exceeds

Rs. 2.5 Lakh then the firm on whom purchase order will be placed will have to submit 3 % of the total cost of the purchase order against security deposit in form of DD/FDR/Bank Guarantee drawn on any scheduled commercial bank in India only in the favour of "The General Manager, BNP Dewas" payable at Dewas within 21 Days from the date of contract. The Security Deposit should remain valid for a period of 60 days beyond the date of completion of all contractual obligations contractor, including warranty obligations, and will be refunded to the contractor without any interest, whatsoever, after it duly performs and completes the contract in all respects but not later than 60 days of completion of all such obligations under the contract.

12. Liquidated damages: - L.D. Applicable if the order is placed, as detailed below:-

"If the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, Bank Note Press, Dewas, without prejudice to other rights and remedies available to Bank Note Press, Dewas under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the ½% percent of the delivered price of the delayed goods and/ or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% percent of the delayed goods# or services# contract price(s)during the delayed period of supply and / or performance, the conditions incorporated under delay in the #supplier#s performance# as per the relevant clause of the purchase order".

The tenderer is to provide the required details, information, confirmations, etc. accordingly, failing which tender is liable to be ignored. Following details may also be provided.

(i) Detail of Agency or firm:-

(ii) Name and Complete address of the firm:

iii) Name of the Proprietor(s)/Director(s)/Owner(s) of the firm

(iv) Contact of firm:

Phone No. _____

Mobile No. _____

FAX No. _____

E-mail No. _____

(v) GST No. (Copy of certificate enclosed. If applicable):- _____

(vi) Income Tax P.A.N. No.(Copy enclosed):- _____

(vii) For transaction through RTGS/NEFT:-

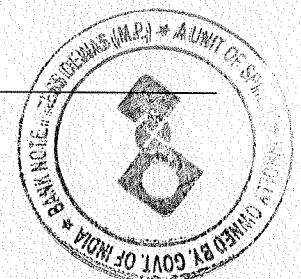
1. Name of Bank: _____

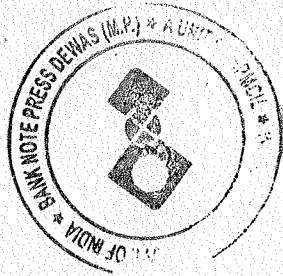
2. Account No. : _____

3. MICR No. : _____

4. IFSC Code. _____

(viii) Details of ITCC / NSIC / DGS&D Registration / MSE. Please enclose Photostat copies.





Tender Number:6000017020

(ix) Whether the firm is MSME Registered if yes, please enclose the copy of relevant documentary proof.

(x) Category of MSME Firm (SC/ST/GEN): _____

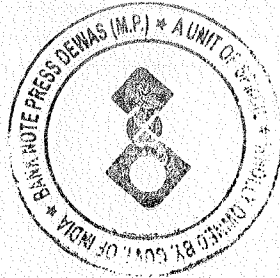
(xi) Name of the owner of the company: _____

(xii) Gender of the owner (Male/Female): _____

Date: Name & Signature

Seal of the Firm & Address

Note: Tenderer's attention is drawn to GIT clause 17 and GIT sub-clause 10.1

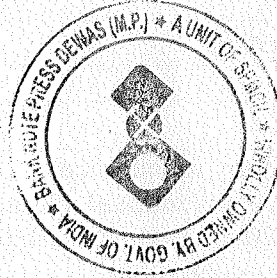


Section VII: Technical Specifications

Scope of Work is as follows:

- a. Provision of double under reamed alternate pile of diameter 300mm.
- b. Provision of plinth beam of size 500mmx300mm.
- c. Brickwork of 1800 mm.
- d. Provision of column of size 300mmx300mm.
- e. Provision of coping beam of size 300mmx200mm.
- f. Provision of MS Angle 50mmx50mmx5mm as Y section to concertina coil.
- g. Provision of concertina coil along with straight wires at the top of Y section.
- h. Provision of external finishing including plaster and painting.

Detailed scope of work attached @ annexure 1.



Section XI: Price Schedule

SECTION XI: PRICE SCHEDULE

[To be submitted along with the tender]

From:

To

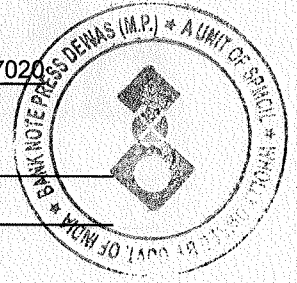
The Chief General Manager,
Bank Note Press, Dewas (M.P.) – INDIA
(A unit of Security Printing and Minting Corporation of India Limited)

Sub: Price Bid for construction of 30 meter boundary wall at CISF Barrack BNP Dewas.
Ref: Your tender enquiry No. 6000017020/BNP/P/Civil/B-Wall/2021/LT
dated 02.12.2021

Dear Sir,

We have received your tender enquiry cited and we are pleased to enclose the following our Commercial bid for your kind consideration.

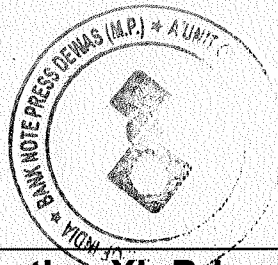
Sl. No.	Description	Quantity	Unit	Rate	Amount
a	b	c		e	f = (c x e)
A	EARTHWORK				
	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq. m on plan) including getting out and disposal of excavated earth lead up to 50 m and lift up to 1.5 m, as directed by Engineer-in-charge.				
1	All kinds of soil	12	Cu. m		
B	CONCRETE WORK				
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
2	1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)	21	Cu. m		



Section XI: Price Schedule

(2)

Sl. No.	Description	Quantity	Unit	Rate	Amount
a	b	c		e	f = (c x e)
C	REINFORCED CEMENT CONCRETE				
	Cast In Situ				
	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
3	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	24	Cu. m		
	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
4	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	6	Cu. m		
5	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	5	Cu. m		
D	Formwork				
	Centering and shuttering including strutting, propping etc. and removal of form for :				
6	Lintels, beams, plinth beams, girders, bressumers and cantilevers	54	Sq. m		
7	Columns, Pillars, Piers, Abutments, Posts and Struts	20	Sq. m		

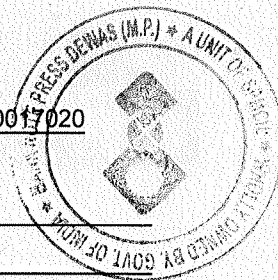


Tender Number:6000017020

Section XI: Price Schedule

(3)

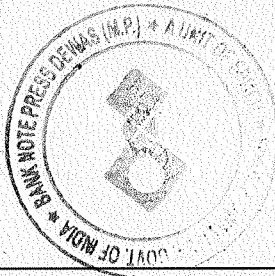
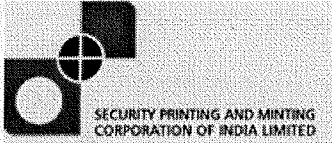
Sl. No.	Description	Quantity	Unit	Rate	Amount
a	b	c		e	f = (c x e)
E	Steel Reinforcement				
	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.				
8	Thermo-Mechanically Treated bars of grade Fe-500D or more.	860	Kg.		
	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
9	Thermo-Mechanically Treated bars of grade Fe-500D or more.	440	Kg.		
10	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement: 3 fine sand).	35	Sq. m		
11	Providing and fixing in position 12mm thick bitumen impregnated fiber board conforming to IS: 1838, including cost of primer, sealing depth per compound Grade-A in expansion joints.	3	Sq. m		
E	MASONRY WORK				
	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
12	Cement mortar 1:4 (1 cement : 4 coarse sand)	15	Cu. m		
F	STEEL WORK				
13	Structural steel work riveted, bolted or welded 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.	80	Kg.		
G	FINISHING				
	12 mm cement plaster of mix :				
14	1:4 (1 cement: 4 fine sand)	185	Sq. m		
	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :				



Section XI: Price Schedule

(4)

Sl. No.	Description	Quantity	Unit	Rate	Amount
a	b	c		e	f = (c x e)
15	Two or more coats on new work Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	185	Sq. m		
16	Two or more coats on new work	5	Sq. m		
H	DEMOLISHING AND DISMANTLING				
17	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	6	Cu. m		
	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
18	In cement mortar	20	Cu. m		
19	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	30	Cu. m		
I	ROADWORK				
20	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of MS angle, C.C. blocks shall be paid separately)	30	M		



Tender Number:6000017020

Section XI: Price Schedule

(5)

Sl. No.	Description	Quantity	Unit	Rate	Amount
a	b	c		e	f = (c x e)
J	PILEWORK				
	Boring with hydraulic piling rigs with power units, providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured up to the bottom of pile cap) :				
21	300 mm dia piles	70	M		
	Extra over single under ream for providing additional bulbs in under reamed piles, under specified diameter(only the nos. of extra bulbs are to be paid)				
22	300 mm dia piles	20	No.		
	Total				
	Other charges, if any				
	GST @				
	Grand total				

Date:

Name & Signature

Seal of the Firm

Address: _____

Note:

- Price should be quoted exactly as per the format given above.
- Price bids with condition/counter conditions are liable for rejection.
- Firm has to quote the price within 2 decimal places. Price quote beyond 2 decimal places will be ignored.

Section XVII: Letter of authority for attending a Bid opening

The Chief General Manager,
Bank Note Press, Dewas.

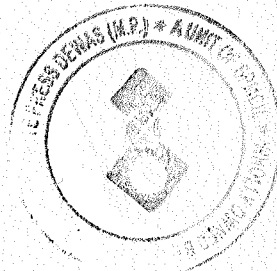
Subject: Authorization for attending bid opening on 24.12.2021 in the Tender of CONSTRUCTION OF 30 METER BOUNDARY WALL AT CISF BARRACK BNP DEWAS.

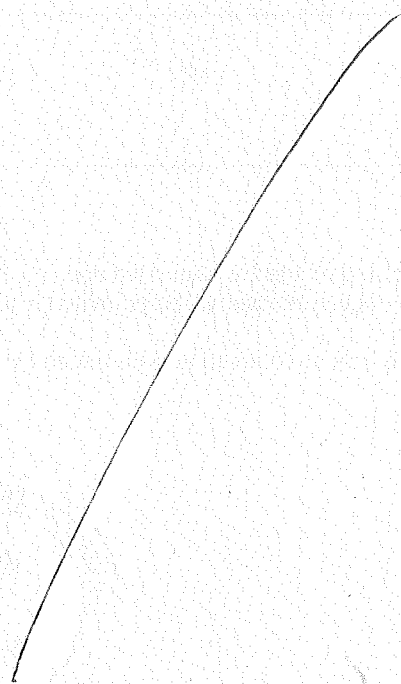
Following persons are hereby authorized to attend the bid opening for the tender mentioned above on behalf of _____ (Bidder) in order of preference given below.

Order of Preference	Name	Specimen Signatures
1.		
1.		
Alternate representative		
Signatures of bidder or Officer authorized to sign the bid Documents on behalf of the bidder.		

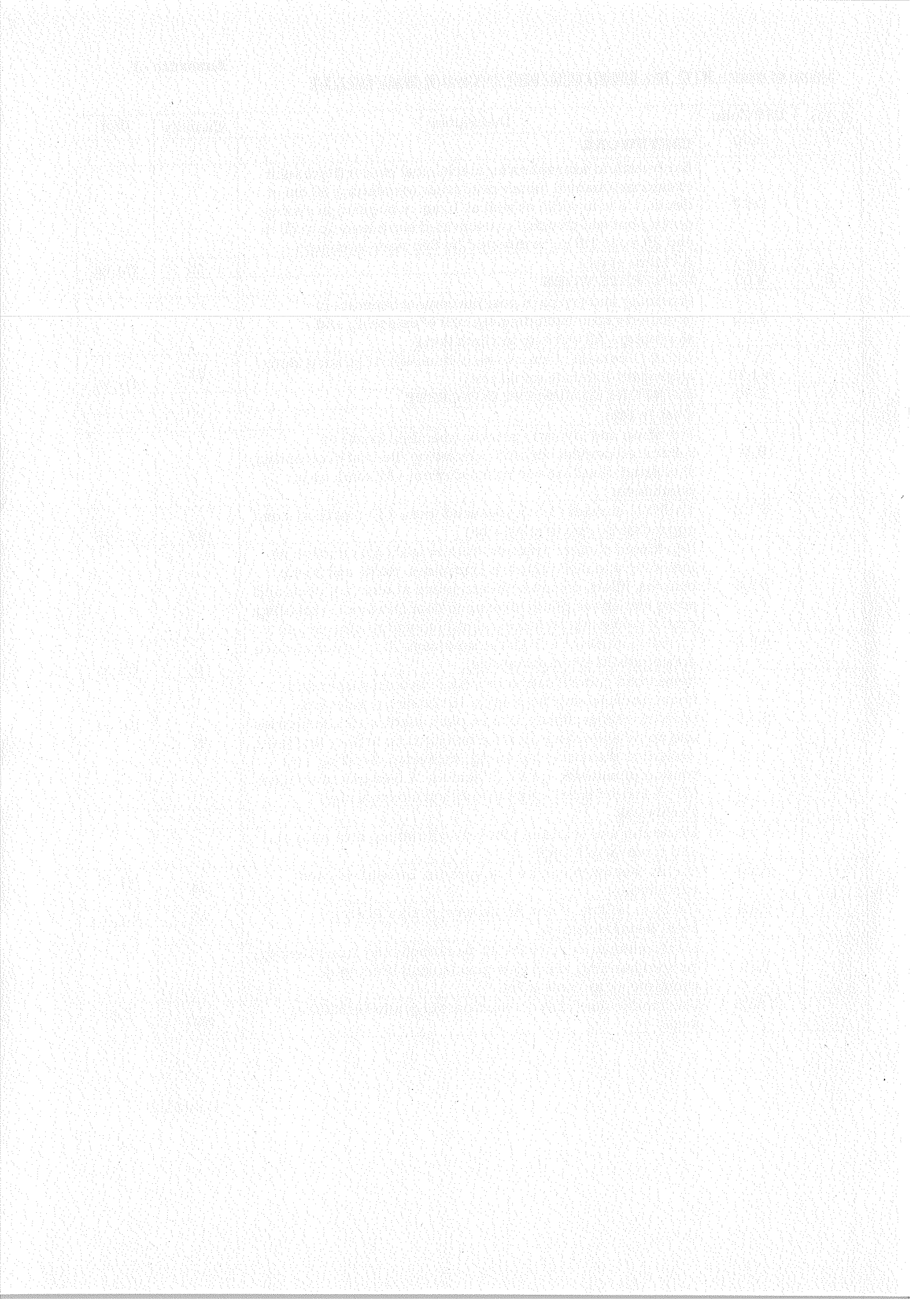
Note:

1. Maximum of two representatives will be permitted to attend bid opening. In cases where it is restricted to one, first preference will be allowed. Alternate representative will be permitted when regular representatives are not able to attend.
2. Permission for entry to the hall where bids are opened may be refused in case authorization as prescribed above is not recovered.

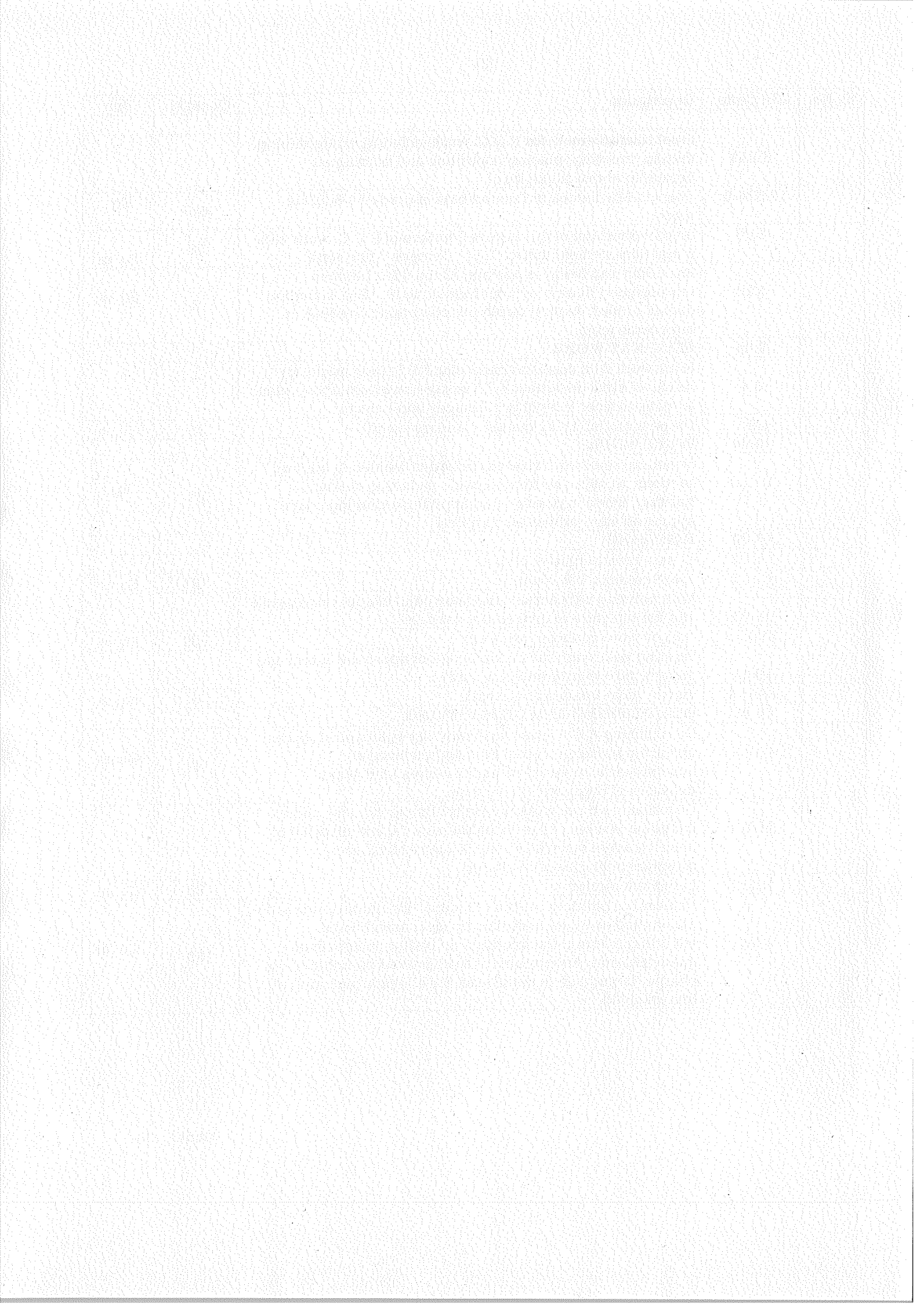




Sl. No.	DSR Code	Description	Quantity	Unit
1	2.00	EARTHWORK		
	2.6.0	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq. m on plan) including getting out and disposal of excavated earth lead up to 50 m and lift up to 1.5 m, as directed by Engineer-in-charge.		
	2.6.1	All kinds of soil	12	Cu. m
2	4.00	CONCRETE WORK		
	4.1.0	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
	4.1.10	1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)	21	Cu. m
3	5.00	REINFORCED CEMENT CONCRETE		
		Cast In Situ		
	5.10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :		
	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	24	Cu. m
	5.2.0	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :		
	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	6	Cu. m
	5.3.0	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	5	Cu. m
		Formwork		
	5.9.0	Centering and shuttering including strutting, propping etc. and removal of form for :		
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	54	Sq. m
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	20	Sq. m
		Steel Reinforcement		
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.		
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	860	Kg.



Sl. No.	DSR Code	Description	Quantity	Unit
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.		
	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	440	Kg.
	5.23	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement: 3 fine sand).	35	Sq. m
	5.28	Providing and fixing in position 12mm thick bitumen impregnated fiber board conforming to IS: 1838, including cost of primer, sealing depth per compound Grade-A in expansion joints.	3	Sq. m
	6.00	MASONRY WORK		
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :		
	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	15	Cu. m
	10.00	STEEL WORK		
	10.2.0	Structural steel work riveted, bolted or welded 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.	80	Kg.
	11.00	FINISHING		
	13.1.0	12 mm cement plaster of mix :		
	13.1.1	1:4 (1 cement: 4 fine sand)	185	Sq. m
	13.60	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :		
	13.60.1	Two or more coats on new work	185	Sq. m
	16.31	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :		
	13.61.1	Two or more coats on new work	5	Sq. m
	15.00	DEMOLISHING AND DISMANTLING		
	15.3.0	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	6	Cu. m
	15.7.0	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.		
	15.7.4	In cement mortar	20	Cu. m
	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	30	Cu. m



Sl. No.	DSR Code	Description	Quantity	Unit
	16.00	ROADWORK		
	16.53	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, up to 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	30	M
	20.00	PILEWORK		
		Boring with hydraulic piling rigs with power units, providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured up to the bottom of pile cap) :		
	20.3.1	300 mm dia piles	70	M
	20.40	Extra over single under ream for providing additional bulbs in under reamed piles, under specified diameter(only the nos. of extra bulbs are to be paid)		
	20.4.1	300 mm dia piles	20	No.

Note:

1. The quantity given is estimated only and this may vary. Payment will be made on actual Basis as certified by the inspecting authority.
2. The contract is indivisible.

