

(VOL. I)

(Tender for Office building @ plot no. 639, 640 & 641 of Marketyard, Pune
For Central Bank of India, Pune 1)

This is the Schedule 'A' with :-

- Covering Letter
- Teder Notice
- Form of Tender
- Essence of Contract
- Schedule 'A'
- Amendment/ Erratta
- Letter of Acceptance
- List Of Drawings

(To be read with Vol. II)

TENDER NOTICE
(For Prequalified Contractors)

1. Item rate Tender is invited from experienced Contractors for **Proposed at P.No.639 TO 641 Mkt Yard,** Pune for **M/S Central Bank of India** Pune 1.
2. The work is estimated to cost about **Rs.680 Lacs** only.
3. This estimate however is not a guarantee and is given as a guideline and if the cost becomes more or less the tenderer will have no claim on that account.
4. Tenders shall be based on the drawings, the specifications attached hereto together with Schedule A (item of work), the Conditions of Contract prepared by the Architect.
5. The work is to be completed within Twenty, calendar months in accordance with the phasing, if any indicated in the Tender from the date of handing over the site.
6. Tender forms and conditions of contract and other necessary documents together with envelop (to be used for submission of the Tender form and other documents) will be issued by The Architects, M/s Pundlik & Pundlik, Pune, on or , _____ after **14 / 04 / 2022 to 20 /04/ 2022** after cash payment of Tender money of **Rs. 15000/- per set**, which will be not refundable.
7. The information about Earnest Money and Security Deposit is given hereunder:-
 - (i) **Earnest Money Deposit @ 1-%** of our offer by a Demand Draft amount - in view of the Estimated cost involved - in favour of the Employers i.e. sum of **Rs.-6.80 Lacs** (*Rupees –Six Lacs Eighty thousand only*)
 - (ii) Amount of * **Security Deposit** shall be **1-1/2% of the tender value** of work. This and the EMD shall form part of the Retention Deposit, with the Employers. (*** Payable on ACCEPTANCE of the TENDER**) The Contractor may offer Bank Guarantee for (2.5%- valid for Twenty four months, in the required format in favour of Owner).being part of the Retention Amount.
8. The Tender Set in sealed cover will be received by the Employers, Central Bank of India, Zonal Office, Pune 411001 up to **1800** hours on or before **,05 /05/ 2022**, in their office together with all accompaniments. Any Tender submitted is incomplete or conditional it may not be considered. (If contractor is unable to Quote he shall mark his tender envelope as BLANK and claim Rs.6000/- of the Tender money paid by him)
9. The tenderers are advised to inspect the Site and acquaint with site conditions before quoting their rates

10. This Notice of tender and form of tender including all clauses conditions etc. shall form part of the Contract. Samples of materials to be incorporated in the work by the contractors shall be approved by the Architect/employer in advance

11. The tender shall remain open for a period of **60 days** from the date of receipt of tender by the Employers. The Employers do not bind themselves to accept lowest or any tender and are at liberty to reject any/all the tenders at their entire discretion.

12. In order to clarify on query on any or interpretation or discrepancy occurring in this tender. The Architect may hold a Pre-bid meeting, when they shall remain present with queries if any,. The minutes of this Pre-bid meeting/correspondence if any, shall form part of the tender documents.

EMPLOYER

(Architects)

M/s PUNDLIK & PUNDLIK

Contractors Seal

Name _____

Address _____

FORM OF TENDER

WORK :- Item rate Tender for **Proposed Proposed** at P.No.639 to 641 Market Yard Pune for the **Central Bank of India** , Pune 411001.

1. I/We, the undersigned having carefully studied and understood the working drawings specifications, and Schedule of Quantities, the Essence of Contract and Articles of Agreement, special conditions, mode of measurements and the general conditions of contract of India Institute of Architects Bombay do hereby tender to execute and perform whole of part of the said work or such additional work as appointed contractor, at such rates as have been tendered by us, in the accompanied schedule. I/We have duly signed the tender papers.

2. I/We submit the tender to The **Central Bank of India** , Pune 1, with an Earnest Money amount @ 1-% i. e. of **Rs.6,80,000/- (Rupees six lacs eighty thousand only)** by a Demand Draft/ Pay order No.....dated.....drawn in favour of the Employers which amount will bear no interest.

3. I/We do hereby further undertake to pay, should this tender be accepted, an additional amount by a Demand Draft / Pay order in the manner stated above, as **Security deposit** (which is equivalent to 1-1/2% of the "Tendered value"). Should this tender be accepted by the Employers I/we do hereby bind my /ourselves to execute at my/our cost, and sign the said Agreement, as may be required, as such time and place as may be suggested by the Employers/Architects, in default whereof I/we bind myself/ourselves to have the Earnest Money Deposit forfeited.

4. I/We have taken into account the Architect's time frame schedule of the entire project and undertake to complete the work in **--(Twenty)**, months from commencement. In the default of which, the appropriate action as per the provisions of the contract may be taken.

5. I/We agree to abide by statutory provisions such as GST Provident Fund /Workmen's Compensation Act/ Minimum Wages/ESIS/Safety measures for workers etc. and Indemnify the Employers from any claim or loss arising therefrom during the construction of this work. Rates are quoted to cover all such taxes/liabilities.

6. I/We do hereby agree to execute the work in full co-ordination with other Contractors, specialist agencies appointed by the Employers during course of execution of work.

7. I/We shall submit this tender duly filled and completed as requires and understood that our/my tender may not be considered incase of any discrepancy omission while quoting and shall be rejected without assigning any reason thereof.

8. I/ We am/are willing to undertake and complete the work at Terms and Condition stated herein and shall abide by the same.

Contractor's Signature.....

Name

Date.....

Reg. Address.....

.....

Employers

For. The **Central Bank of India** , Pune 1

The Essence of Contract

Tender for Proposed Bank Building at P.No.639TO641 Mrkt.Yard Pune

Employers :- The Central Bank of India Pune 1

The **Cobntractors**.....

(The <u>marginal notes</u> refer to the <u>Clauses of printed form of Agreement and General Conditions of Contract</u> as published by the Indian Institute of Architects, Bombay.) (clause from conditions of contract)	
37 (1) Defects Liability Period	One monsoon or 12 months from date of completion whichever is earlier.(for waterproofing (2Yrs) from VirtualCompletion
31 (1) Period of Final Measurement	Two- months after virtual completion of the work.
38(1) Date of Commencement	(.. / ... /2022) or such other date.
38 (1) Date of Completion (from the date of commencement)	Stage I (5Months/ 20 Weeks)For W.B.P.- Foundation, Basement-with RCC work & WaterProofing up to & incl. slab at plinth.Lvl.(0.0)
	StageII Twelve Months (48 weeks) for completion of RCC framework up to roof lvl+ walls)
	StageIII 20months(80weeks) :Entire work incl. Services.(I)(II)(III)(plumbing+watersupply+ drainage work)Site Devp.(IV)&(V)Electrfrn. (After this 1 week may be allowed for site clearance and rectification of Defects/ omissions as reqd. by architect)
(41) * Agreed Liquidated damage (up to max. 5% of the contract value).	Greater of Rs. 70000/- or 1.00% of the contract value per week
31(3) Retention Percentage	SEVEN & HALF PERCENT (including the **EMD & S.D. (** Bank Guarantee may be acceptable) and @ 10% of the Extra Item value, if any.
31(1) Value of interim certificate.:	Minimum value of certificate (Rs35Lacs) in stages with progress of work.
31(3) Limit of Retention Fund .	Greater of Rs. 35Lakhs - or (5%) of actual cost (incl. EMD/S.D. paid) & plus that on Etra Items
31 (6) Installment after virtual completion. (on pro rata basis for completion of Stage(II) & (III) only if completed on schedule)	50% of Retention Fund(the balance shall be retained till completion of the Defects Liability Period) 50% subject to due compliance thereunder
31(1) Period for honouring the certificate	10 working days from the date of certification for RAR and for Penultimate certificate (4) weeks from the date of certification.
Interest for delayed payment	NIL.

Note :-

1. The Retention under cl.31 (3) shall be independently calculated @ 10% on the value of authorized extra
2. The date of completion for each stage of shall be strictly observed. Otherwise recovery of Liquidated Damages on pro-rata basis will be considered at the entire discretion of the Architects/employers. This is an independent of any recovery of financial loss suffered by way of any penalties, claims made by the Government or other agencies on account of such delay in completion (its occupation) of the premises or part thereof, by the Employers.

EMPLOYERS

Central Bank of India Pune 1.

ARCHITECT

M/s Pundlik and Pundlik

CONTRACTORS SEAL

NAME _____

ADDRESS _____

The Essence of Contract contd.

Extra Items u/cl. (32) of Contract :-

1. It shall be the contractors responsibility to inform the Architect of any *new item* that, may be necessary and obtain authorization *before* proceeding with such work.(rate only items shall not be claimed as Extra)
2. Any modification made at the request of the Contractors to facilitate execution of any item of work or mode of work shall not be taken as ground for claiming extra.
3. Revision of item rate ,due to replacement of material/ minor modifications etc. by the Owners shall be got settled from architect before its execution in work.(Howsoever this shll not be claimed as Extra Item)
- 4 In the event the contractor fails to comply with these provisions any such item of work or modification shall neither be treated as authorized extra and nor be considered for any additional payment and shall be at the entire discretion of the architects.
5. Every extra item rate must be based and on correct cost of *material procured and the normal cost of labour (as per Sch. 'L')and other overheads profit etc. to be calculated @15% , on cost of inputs (material and labour). (*as actual quantity measured and accountable as per known norms, practices approved by The Architect.) *including* supervision transport establishment etc. etc.

Certificates and Payments (to be read with Cl.(31)

6. The Architect through the Site Engineer in charge or i. e. the (Clerk of works shall arrange for measurement of work executed jointly with the Contractors and based on which the contractors shall prepare their Bills and submit them to the Architect a week in advance for scrutiny and certification etc.
 - (a) All bills shall be accompanied by Measurement Books and Abstract sheets in quadruplicate; (specimen furnished hereto)
 - (b) Every bills shall enumerate each tender item fully as per the original tender schedule;
 - (c) Bills shall include a statement of basic materials consumed No consideration for payment against
 - (d) Materials incorporated in the work and the workmanship must confirm to the tender requirements Otherwise due action including appropriate reduction of payment shall be made by the Architects.
 - (e) Tendered quantity of items should be indicated in the Bill;
 - (f) On completion of the work Virtual Completion (penultimate) certificate shall be issued by the Architects on

Material Procurement (to be read with CI.(36))

7. It shall be the contractors responsibility to procure in advance all the materials, which are required for the work at all times. The Employers may, if possible extend co-operation and held the contractors to procure basic materials like cement, steel metal, sand bricks etc.
8. If Cement, steel or any other materials are purchased by the Employers and supplied to the contractors then 80% of the material cost shall be regarded as advance payment made in favour of the contractors and 80% value of such materials shall be deducted from the dues of the contractors and remaining 20% shall be deducted in full against actual construction in the RA bills from time to time commensurate with the consumption of these materials. Secured Advance may be given @ 70% of basic rate for specified materials. **Basic Cost ex. site** is **Cement O.P.C. 43 Grade Rs.315/- per Bag; (53 Grade Rs. 325/- per bag)** and **reinforcement : Torque (8mm Fe500 Tor HT. steel Bars will be Rs 34500/- per MT and for 20dia Steel bars Rs. 35000/- per MT (Fabrication Steel ISMB Rs 45000/- ISMC Rs 45000/- ISA Rs42500/- PLATES Rs 48000/- per Metric Ton.. Full recovery of mtrls. supplied by Owner shall be made & left over shall not be considered or taken into account at any cost.(NOT APPLICABLE)**

CONSTRUCTION SITE (to be read with CI.(12))

9. Diversion and reinstatement of service lines if any likely to be affected by the proposed construction shall be done by the contractors as directed by the Architects before commencing the work for which no payment shall be made and which shall be regarded as part of site clearance. Contractor shall obtain required water/power connection for the work and settle charges therefor
10. The contractors shall take levels contours trial pits etc. boundary measurements and submit details to Architects as required using proper Survey Method and instruments and for which no payment shall be made.
11. On Completion of All the work, the contractors shall clear the entire site remove all debris unwanted materials etc. and secure watch and ward to protect the building till the possession is assumed by the Employers on completion date or otherwise before.

CO-ORDINATION (to be read with CI.(50))

12. In the event, other Agencies are appointed by the Employers to carry out work such as Sanitation & Plumbing, Drainage, Electrification, Interior Decoration, Air-conditioning, gantry cranes etc., the principal contractors shall extend reasonable facilities (other than materials and also co-ordinate civil work of the special agencies (nominated Sub-Contractors) as required by the Architects. Due time shall also be provided for such operation by the nominated sub-contractors while programming the civil work as well as its execution.

PROGRAMME (to be read with CI.(14))

13. The contractor shall prepare a construction program on a bar chart basis covering all major items of work and on approval of the same the execution of work shall be in conformity with the approved program. This program shall be practical and commensurate with the

Stage I --- *Work Up to Plinth level* -**Five Months(20 weeks)**

Stage II – *RCC work upto Roof lvl+walls* -**Twelve Months(48 weeks)**

Stage III –*Building Completion* -**Twenty Months (80 weeks)**

Note:- **(For clearing site and rectification if any Grace period of 1 week after Stage III)**

FLUCTUATIONS (Cl. 34 of the Articles of Agreement)

14. Claim for any extra or escalation on account of fluctuation of price of building material shall NOT BE advanced and the item rate quoted by the contractor in the sch. of quantities of the contract *shall not be subject to any rise or fall in prices during the contract period (unless where such increase in GST or new Tax levied on building materials due to Governmental legislation substantially increase market rate of building materials which are required for the tendered items of work* **subject to Cl.15** hereafter)

15. *The tendered rates shall not vary for any reason and after one year from Agreement date, In the event there is a radical change in GST, Excise or sharp increase in price of diesel(beyond normal market change) affecting prices of materials the contractor may forthwith submit his claim duly substantiated for the Architect's consideration. However such increase or compensation therefor, shall be applicable only for the 'remaining items of work' from the effective date of Govt. legislation. Further, if execution of work is Delayed by the Contractor, at any stage. NO such compensation on account of any such increase, shall not be apply for 'the tendered work so delayed and for it 'tendered rates' will prevail', at the sole discretion of the Architects. Vide Clause 34 (of General conditions of Contract and Articles of Agreement),by Indian Institute of Architects, Bombay forming part of this agreement.*

Employers

Central Bank of India Pune 1.

Architect

M/s Pundlik and Pundlik

Contractors Seal

NAME _____

ADDRESS _____

SCHEDULE 'A'**THIS IS THE BILLS OF QUANTITIES REFERRED TO IN THE GENERAL
Conditions of Contract Dated.....**

Work :-	Proposed Building at P. No. 639 to 641 Mkt.Yard, Pune
	The Employers : - Central Bank, Pune, 410001

Contractors: - M/S	of
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NOTES (GENERAL)

1. The entire work under this contract shall be virtually completed within **-20-**months from the date of commencement. The construction site shall be bounded by 3 Mtrs high enclosure of G. I. corrugated sheeting on angle frame to ensure safety of passers by and public until completion of all work. This shall be removed and taken away by the contractor and no claim whatsoever in this behalf shall be admissible.
2. The quantities shown in column 3 are approximate and are inserted as a guide only. These shall however not be varied unless with previous authorization from the Project Architect.
3. Rates quoted shall include all materials, transport, taxes /charges & other provisions including labor and material incidentals, to cover all the works enumerated and described in Schedule 'A' and in preamble analogous to the items in the Schedule and as described in the particular specifications whether such are particularly included in the Schedule 'A' or not. (*Incl. water & electricity required).
4. Unless otherwise mentioned all the works included in this schedule shall cover for supply of all materials labour and fixing complete all as specified and shown on drawings except where specifically mentioned otherwise in the description of the item/particular specifications. (only when/if any item is not described/specified, then (specification) DSR - Parts I and II may be treated as relevant and valid.
5. Entire work under this contract shall be executed as describe in **sch. 'A'** and in accordance with the drawings, specifications as well as directions/instructions from Architects/structural engineer.
6. Under column 2 of the entire schedule A, the following words shall be deemed to have been inserted ('Refer Drawings attached').
7. Under column 3 of the entire schedule 'A', the following words shall be deemed to have been inserted 'See Note of Schedule'.
8. The contractors shall utilize the land allotted for the work to park their vehicles, equipment, and store the materials within it. The security and safety norms of the employers shall be strictly observed at all times the work shall be carried out during the daytime (8.30 A.M to 6.30 P. M) only.

9. The contractors shall be responsible, for the safety of engineers/workers/ staff etc. engaged on the site and shall provide necessary protective gear to all. Besides, the contractors shall take necessary insurance under the "Workmen's Compensation Act", as well as for "Third Party Risk", during execution until completion.

10. Certain items are inserted in the Schedule "A" without stating "the quantity or as rate only". The tenderer must quote his rate for such item properly. If necessary such item may be ordered for execution during the progress of work. In such event, value of these items shall be deemed as variation under Clause 30 of the Contract. Rates against "Rate only items as per the above, shall be applicable for pricing of "(-) "deviations".

11. If where rate tendered for any item is found to be inappropriate at any stage the same shall stand corrected by the architects under "excepted matters" in terms of contract for and it shall be reduced to reasonable level (i.e. rate offered by 2nd lowest tenderer) by the Architect.

12. In the event, any rate against the "Rate only item is found erratic and on higher side the same will have to be reduced to a reasonable level by the contractor prior to the acceptance execution of the Agreement. In case it is found that reduction to reasonable level is not agreed upon or otherwise such item shall be deemed inoperative for this contract and alternatively, open for Architects decision under "excepted matter" at entire discretion of the Architect.

13. Employers, reserve the right to exclude certain rates for item without quantifies for pricing of minus deviations. In such cases too, an extra item or star rate shall be prepared according to condition No. 32 of the Conditions of Contract, for pricing minus deviation only.

14. Tenderers shall note that where the rate is not quoted by him such item rate shall be considered as at Rs.'Nil' per unit and for such item executed/ordered, the payment shall also be calculated as 'Nil' rate.

15. The work is at within Male, Mulshi and calls for regular transport of men and material as also resourceful utilization quality and speed. Due arrangement for simple test like cube testing, proctors density, surveying & leveling etc. should be available at site itself.

16. Provision of all preparatory works like construction of *site office, stores, bore-well water storage tanks, platforms for mixing, pillars, rails for lineout etc. and temporary facilities etc.*, is obligatory for contractors. The rates quoted are deemed to cover cost of all such contingent items. Contractor shall remove all such preparatory works, on Completion, as directed by the Architect or may leave them intact at work site, without any extra cost or credit.

17. All work items shall be recorded in measurement books supplied by contractors and field books after measurement of work regularly. These books shall be in custody of the Architect till they are handed over to the Employer finally on completion.

17.1 The contractors shall quote their rates commensurate with all the stipulations and conditions of the tender and the market rates. These shall not deviated or modified at any stage after tendering or during execution of the work. Any commercial consideration in the form of rebate/reduction in rate or pricing will NOT be deemed as dilution in the content and requirements of any item of work or conditions. In other words such reduction in pricing or tender amount shall be taken as reduction in the profit margin of the contractor.

18. All personnel of the Contractor working on the site shall be provided with safety gear . All welders shall wear welding goggles while doing welding work and all metal workers shall be provided with safety gloves. Glasses Goggles A Person employed on rolling and rock-cutting etc. shall wear safety helmets, gloves, glasses etc. as elaborated in the code. First Aid Box shall always be available for minor cuts/injuries or otherwise proper medical treatment shall be afforded to safeguard their life and safety.

19. Adequate precautions shall be taken to prevent danger from electrical/machinery/ equipment to operator. No material on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public and the site shall be enclosed by 3 M high enclosurer all around and with signage cautioning safety aspect and to keep outsiders/people away and Security personel shall be engaged.

20. The employers reserves right to carry out the work partially or suspend the same at their discretion if and when necessary and the contractors shall have no right to challenge it or claim compensation in event of such suspension or stoppage.

Employers
Central Bank of India ,Pune

Architect
M/s Pundlik and Pundlik

Contractors Seal
NAME M/S _____
ADDRESS _____

(THIS IS THE SCHEDULE 'A' OF QUANTITIES REFERRED TO IN THE CONTRACT)

Work:- _PROPOSED OFFICE BLDG @ MARKET YARD,PUNE.

(BASEMENT FLOOR = 182.00sm.) (GROUND FLOOR =206.00 sm.)(FIRST FLOOR = 357.80sm.)

(SECOND FLOOR = 357.80sm.) (THIRD FLOOR = 298.5sm.) (FOURTH FLR.=65.30SM)

Employer:- CENTRAL BANK OF INDIA .PUNE.

Contractors: **M/S**_____

Note: The words`Providing and Laying/Casting/applying are denoted here-
after in entire schedule in the abbreviated form and shall be understood
accordingly,as specified.

Providing & -----

P & F - Fixing

P & L - Laying

P & A - Applying

P & E - Erecting

S & F - Supplying & Fixing

(THE CONTRACTOR SHALL QUOTE RATE IN FIGURE & WORDS FOR EACH ITEM)

14/12-2078
Date 04/04/2022

Work:- _PROPOSED BANK BUILDING @ P.No.639to641,MARKET YARD,PUNE. (Basement Floor+ Ground +3 Upper Floors)
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Fot the Employer:- Central Bank of India .PUNE 411001.

Contractor: M/Sof...

.....SUMMARY OF COST	
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S.NO	SECTION	Amount(Rs.)
1	SECTION (a) : The Earth Work.....	
2	SECTION (b): Plain Cement Concrete.....	
3	SECTION (c): . Reinforced Cement Concrete....	
4	SECTION (d1): Brick Masonary Walls.....	
5	SECTION (e): PLASTERING/POINTING.....	
6	SECTION (f): FLOORING/PAVING.....	
7	SECTION (g): JOINERY.....	
8	SECTION (g1): PVC /Aluminium Window/Doors ETC.....	
9	SECTION (h1): REINFORCEMENT STEEL.....	
10	SECTION (h2): STEEL WORK.....	
11	SECTION (k1): COLOURING/ DISTEMPERING.....	
12	SECTION (t): ROOF COVERING.....	
13	SECTION (s): SUPPLEMENTARY.....	
14	* SECTION (v):- SPECIALISED ITEMS FOR BANK-VAULT	
	c/fd Total of Civil Work.....	

The Employer
Central Bank Of India,Pune 411001

The Contractor
Name
Address

Work:- Proposed Bank Building @ P.No.639to641,Market Yard ,PUNE. 14/12-2078

Employer:- CENTRAL BANK OF INDIA .PUNE.

Date...04/04/2022

.....Summary of Cost Tendered

		Amt. Rs.
	Total B/F.....	
	The Services	
1	Part(I,II,III) -The Drainage,Sanitation Plumbing and Water supply	
2	Part (IV) - Site Development	
3*	Part (V) -Work To be tendered later	
	a) -Electrification Cabling & Lighting <i>Separate Tender</i>	
	b)Ventilation/ Air Conditioning	`-DO-
	c) UPS-50 KV including cabling	`-DO-
	d) GenSet-125 KVA	`-DO-
	(e) -Passanger Elevator 1 nos(8 persn)	`-DO-
	(f) - Fire fighting system	`-DO-
	Total of Amount Tendered	

Amount In words rupees _____ crore _____ lacs _____ thousand and _____ hundred _____ only)

The notes to the tender:

1) I/We have carefully read and understood the description of the Tender items,the Specal Conditions ,the Specifications, Safety Code and the Drawings and amendments /clarifications issued and do agree to execute the work at the terms and conditions set herein and accordingly(2) I/We undertake to complete the work within the stipulated Contract Period as stated in the Essence of Contract.(3) Should my tender be accpted, I/We agree to execute the Contract on Stamp paper in the format of thr I.I.A.Mumbai at my cost.4)The contractor shall extend co-operation to the agencies/subcontractors(shown under section(V)appointed by the Employer and co-ordinating execution with agencies including time schedule.5) Rates quoted incl.Charges for Water and electrical energy required until completion.6)I/We shall make arrangement for storage of material/equipment/tools required at his/their cost.(6)I/We undertake to provide worker on site with Safety gear first aid and essential facilities during execution and indemnify Employers/consultants from any claims arising fron any accident for lapse in safety measures.

The Employer Central Bank Of India,Pune 411001	The Contractor Name & address
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SCHEDULE A (SCHEDULE OF QUANTITIES OF CONTRACT)SECTION APreamble : Excavation & Earth Work etc.

Notes :

1. Soft/loose soil and hard/dense soil mud shall be classified together as one group. Rates quoted for soft/loose soil and hard/dense soil shall be equally applicable for excavation in mud. However, if any de-watering is ordered before excavation in mud it shall be paid for separately. No other allowance for work in water/liquid/mud etc. in any position shall be payable.
2. *Block excavation in soil shall be with JCB/Excavator/ Poclain etc, Timbering to the sides of excavation on the loose soil would be done if instructed by shoring/benching/battering etc. Due allowance for such provision is presumed to be incorporated in the rate for loose soil beyond 1.5 Mtrs. Depth.*
3. For all items of excavation, work shall be measured in Cu. Mtrs. unless otherwise mentioned. It shall also include for back filling, consolidation in layers etc. complete.
4. The rate for excavation items includes removal and spreading of excavated stuff on site or disposal (100m. Lead) on 'site'. and B.C. or unwanted soil to outside by truck made with prior approval from architect.
5. Excavation in old foundations, and asphalted road surface, shall be paid on the basis of excavation in soft rock.
6. Diversion or reinstatement of cables/pipelines etc. shall be carried out whenever necessary at two no cost upto a length of 25 M. Generally due care/supporting of service lines temporarily may be adequate.
7. For payment of rock excavation actual quantity of excavated material shall be measured 'in pits' only. The excavated spoils/materials shall be carefully stacked for identification and verification, as required.
8. Proper lineout of work fixing positions of columns, walls and other elements as also the levels, benchmarks, set backs, clearances etc., be completed and got approved in writing from the Architect, through the clerk of works, before commencement of the work. Due consideration for careful opening up embeded service pipes and cables, ducts, etc. shall be made as directed or shown in drawings.
9. Compacted quantity if filling in-plinth, pits etc. only be considered for payment "when procured from outside", under any item of schedule "A".

*(The voids be taken at 40 % for excavated rock only if pit measurement is not feasible.)

The contractors

Schedule A : Bill of Quantities.

Note:- To be read with notes to Schedule 'A', the Specifications, Preamble to each section & the drawings.

* SECTION (a) :- EARTH WORK:

notes 1)Excavation shall be precise to the building outline on drawings and PCC in foundation pits

2)Classification of soil will be at the discretion of architect and shall be binding on contractor.

3) Disposal of soil from pits, determined unsuitable, to be made outside (as directed) . Excavation to be measured under resp.tender item 4) Any excavation for Contractors convenience not measurable.

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
a1	Cleaning and surface excavation of shrubs/ bushes etc., over areas upto 1.0M depth etc.under building area,in soil any type/road surface etc.Incl.stacking reuseable material as required complete.(by JCB Machine) <i>Spec No: SA(1.2)</i>	700.00	CM		
a2	`-Do - but for Excavation Lift from (1to 2mtr) including work in wet soil/mud, Bailing ,shoring sides during excavation etc stacking stuff for disposal complete.for Lift from 1 to 2Mtr. <i>Spec No: SA(1.2)</i>	282.37	CM		Rate Only
a3	`-Do - but for Excavation Lift from (2 to 4mtr) as above item (a2) Incl. out of sub-soil water stuck, if any,(or Dewatering (If ordered)by Pump set measured appropriately under item no.11 `- herein after)including shoring sides as reqd. <i>Spec No: SA(1.3)</i>	968.75	CM		Rate Only
a4	Excavation in Soft Rock or P.C.C.encountered at any depth, crowbars, pick-axes etc,stacking as directed backfilling in layers etc.all as above (a3) here above.(reuse of excavated stuff for soling/filling is necessary) at any depth/level <i>Spec No: SA(2.1)</i>	5.00	CM		Rate Only
a5	`-Do - but for Excavation in any Soft Rock Lift from 4.00 to 5.00M rest all as item no. a3 complete. <i>Spec No: SA(1.3)</i>	46.25	CM		Rate Only
a5.3	`-DO - but Lift from 4.00 to 5.00M	12.00	CM		Rate Only
a6	- do - but Excavation in Hard Rock by chiselling\ blasting\compressor.breakers at any depth complete (reuse of excavated stuff for soling/ filling is necessary) <i>Spec No: SA(2.2)</i>	--	CM		Rate Only
PAGE TOTAL C/FD.....		1314.37			

Employer

contractor

					21
SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL C/FD.....					
a6.b	Excavation in any type of earth/ soil (by JCB) Upto say 6.50 mtr depth below the plinth lvl (outer edge of foundations)and disposing off excavated soil to outside (paid seperately)complete complete (except murum/ S.R.) incl.backfilling murum in layers(over area = plinth+ foundation) <i>Spec No: SA(2.2)</i>	2300.00	CM		
a7	Carting away & disposing of excavated B.C. soil/unwanted stuff, from site by truck as directed (the <i>pit measurements only</i>) outside away from site at disposal points (<i>appd. By the P.M.C.)</i> incl.loading/unloading etc.Quantum =Volume of pit(<i>Trip load = 5 Cmt)</i> --- <i>Spec No:</i>	3000.00	CM		
a8	Filling in plinth & floors with contractors hard Bajra murum from outside in 150mm to 200mm. layers incl. watering and compaction by heavy rammer/compactor etc. (only compacted thickness measured & paid) <i>Spec No: SA(6.1 B)</i>	1600.00	CM		
a9	P & L dry trap/granite/quartzite gneiss rubble stone SOLING 230 mm thk incl.handpacking vertically and compacted by vibratory roller, filling interstices with bk-bats,murum sand @ 0.46cmt/10sqm area to a dense mass: a) In 230 mm Layers to Obtain required mass. <i>Spec No: SA(7)</i> b) 150 thk Hard core of broken stones using 68mm down in layer consolidated by heavy duty vibratory compactor beyond plinth as specified. <i>Spec No: SA(7.2)</i>	110.00 32.50	CM CM		
a10	Shoring up of the excavated pit sides with loose soil, untill completion of WBP 'work Below Plinth' plan area 495sqmtr - all as required for completion of WBP work (say upto Four months) by timbering/planking bracing etc. complete (vide Section ew wkg drg.) <i>Spec No: SA(8)</i>	495.00	SM	Lump Sum	
a11	Dewatering Pits/trenches of accumulated subsoil water by Pump Sets for during excavating operations WBP .(by 7.5 HP selfpriming Pump Set) appd. type to maintain dry condition for operations, till reaching basement ,incl. fuel/energy bills (pumped water disposed into outside stormwater pipeline etc. <i>Spec No: SA(3)</i>	2112.00	CM		
a11.(a	- do - but Dewatering reqd. for duration of WBP construction operations upto 4 months(24x7 basis) i.e.until completion of W.B.P.of building (incl.diversion of Sub-soil water to temp. sump pit)by pumping out subsoil water and disposal to outside storm water pipe on road etc.	2976.00	Hrs		
PAGE TOTAL C/FD.....					

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
a11 (b)	Forming embankment incl.raising lowering in layers 250mm th.watering/ramming,approved earth spreading rolling to reqd.shape & level & gradient etc.1.50m height Spec No: SA(6.1 B)	-----	CM		Rate only
a12	Obtaining approved Soil (except black cotton) for filling in layers 600mm the sump pit excavated as (For compacted measurement)	231.50	CM		
Total of Section (a) c/fd to Summary.....					

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SCHEDULE A
SECTION B AND C

Notes :-

1. RCC shall mean reinforcement cement concrete and PCC means plain cement concrete, with mix - composition only indicated by proportions in volumetric measures. However, the strength to be obtained is expressed by the Modular parties i. e. M150/M200/M250 etc. etc. shall be with the weigh - batching process and 'designed mix' as per Revised IS I.S.Code (IS 456 of 2000 or the latest). Rates quoted shall be deemed to cater to all provision of the latest code. For minor items volume metric mix may be allowed on request.
2. Rates quoted include for circular work or of any shape and at any level as required. All chases and holes in PCC and RCC may be left as the work progress or may be formed as required for concreting. However, neither extra payment shall be made for forming or making chases / holes, nor any deduction shall be made in measurements. This stipulation excludes forming mortice holes and dovetailed cavities required for grouting of H. D bolts etc.
3. Concrete for bedding / packing under, haunching or grouting pipe etc. shall be measured net and after deduction of volume occupied by pipes etc.
4. Chajja or canopy slab projection shall be that beyond the lintel/beam from where it cantilvers / projects out. No extra payment shall be made for forming fair-finished drain or channel. Only where smooth finish is ordered, requiring extra finishing, layer, it shall be measured and paid for separately under plastering. The column shall be that bet. The slabs, while Beams bet. Columns and Slab area shall be that in plan.
5. All concrete is machine mixed unless stated otherwise. Use of Weigh-Batch Machine shall be without exception, compulsory. The contractor shall take this into account in his offer. Quoted rates include the cost of plywood forms and for RC items exclude reinforcement, which is measured and paid independently.
6. Formfinish shall be achieved for all work with plywood shuttering except for the item of work in foundation and below ground. Use of plasticiser is deemed to be included in the rates quoted. If the concrete mix although in accordance with specifications and of a particular grade, does not yield the required strength @ 7 days and 28 days tests (IS 456 Revised), and it shall be Rejected and Redone. If at all accepted, it will be classified as belonging to appropriate lower grade and paid-for accordingly, (only if such concrete is acceptable to Architect (as exception.) Otherwise such concrete shall be removed by the contractor and redone without any extra cost to the employers. This shall be subject to recovery of wasted cement, if issued under schedule B (under clause 37 of conditions of contract).

Section B & C contd...

7. Use of appd. *hardner/additives/chemical agents* if directed will be made and unless stated otherwise, cost of such chemicals/agents shall be compensated on the basis of actual consumption. (*except plastcisers).

8. Any variation ordered in proportions or mix shall be considered on the basis of consumption of cement and aggregates at entire discretion of Architects only. Use of dust free crush sand in place of river sand for PCC ,RCC items allowable.

9. Escalation in rates will not be allowed on account of any variation in size / dimension of R. C. C. / P. C. C. items. Or for provision for embedment of recessed fittings/fixtures etc.

10. Steel cube forms shall be utilised for making Cubes; Concrete Testing specimen of all structural items cubes @**(1cube /4 cum)** is obligatory and testing will be From approved Laboratory) at contractors cost. Half number of cubes taken shall be tested (for 7 days) and the half tested (for 28 days) strength.However if concrete quantity is less than 4Cum then **min.2 Cube** shall be taken for testing.

Note :- The contractors shall pay attention to the service pipes/ducts/cables etc. that would pass through walls/plinth beams and or W. C.s / traps requiring sunken levels and make due provisions therefor whether indicated on drawings or not.

Contractor's seal

* SECTION (B) : PLAIN CEMENT (PCC) CONCRETE :
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(Structural items with O.P.C.43 Grade Cement)

All Items in this schedule include weigh batched (w.a.p.) design mix of required grade of cement concrete, plwood formwork, clean neat, fair faced hard dense surface, curing casting 2 any level/height, and of any shape and form(subject to cube testing of strength)with all preparatory inputs as required as per IS 456 (2022) revised and updated. In case Contractor prefers to use RMC (from approved source) .Before laying in forms. Slump Test made and Cube taken for Testing(7days & 28days) strength from approved Test Laboratory. In case reported (7 days test) strength is lower, such work shall be redone free of cost.* (All RCC items are w/o steel, which will be measured and paid separately)

SI.No	Description of Item	Quantity	Unit	Rate(in Figur and Words)	Amount Rs.
b1	P & L in situ Plain Cement Concrete with OPC 43 Grade M75 i.e.PCC (1:4:8) of Trap /granite / quartzite/gneiss metal for Foundation & Bedding under tremix at any depth & level incl. bailing out water, formwork, compaction & curing as specified. <i>Spec No: SB(2)</i>	12.00	CM		
b1.1	P & L in situ Plain Cement Concrete with OPC 43 Grade in (1:3:6) with Trap/ granite/ quartzite /gneiss metal crushed sand under Column footings & Bedding/subfloor etc.150 mm or more thk at any depth & level incl. formwork, compaction & curing and Dewatering, as specified. <i>Spec No: SB(1)</i>	16.00	CM		
b2	P and L Base CC(M150) grade floor, 150mm thk, or more with patented Tremix system consisting of side rails,skid vibraors,pressure suction matt & mechanical trowel or etc.to obtain Hard dense & jointless smooth finish as specified.incl.using cement colour (terracota /buff/green etc.for uniform appearance. <i>Spec No: SB(5.1)</i>	32.50	CM	7279	236539.9
b2.1	Labour charges Only :for Tremix concrete flooring, all as descibed hereabove & specified complete incl.curing etc. <i>Spec No: SB(5.1)</i>	217.0	SM	250.0	54250.1
b2.2	Grooving the Tremix surface when green with cutting machine 3x12mm depth and sealing with polysulphide orsiliccon sealent complete	100.50	Rmt		
b2.3	P and L in situ cement concrete Floor, Reinforcement of Tor 40 Steel as reqd. incl. cutting bending, binding and placing with cover blocks etc as specified. <i>Spec No: SC(22)</i>	2600.00	KG		
b2.4	P & F steel Angles for edging of concrete floors etc.with holdfasts bars(120 Tor X 600mm) prewelded to the angles etc.as directed. complete. <i>Spec No: SB(7)</i>	0.00	KG		Rate Only
PAGE TOTAL C/FD.....					

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
b4	P & L patented cement based Waterproofing with layer of shahabad stone in C.M.as (1:3) waterproofing compound in foundation rafts/walls etc, to required shape as CONTINUOUS membrane with due care & attention for underground built up areas, watertanks & the like(backed by 10 years gurantee of performance)curing,Testing etc.to obtain 'Dry environment' Retention of 10% of this item for Defects Liability of one year as specified (Optional item) .	632.01	SM		Rate only
	<i>Spec No: SB(10)</i>				
b6	Leaving Mortice Pockets/Slots/Chases (50X100X100) etc.in concrete for Bolts,Railings & the likes as reqd.incl.grouting with M200 & hardners(Viz.Roff Grout GP)as directed at any place & level complete.	35.00	NO		
	<i>Spec No: 'DO'</i>				
b7	P & L in situ Plum concrete W.B.P. with hard core of 150 to 230 rubble(40%),laid vertically in layers(450thk)and prodded to fill cavities with P.C.C. M75 (1:4:8)Forming monolithic layer , including shuttering curing etc, in foundation pits under footing pad as required at any depth and level etc. complete <i>incl. removal of subsoil water</i> as and when required ,all as per detailed drawing complete.	450.00	CM		
	<i>Spec No:</i>				
TOTAL OF SECTION (b) C/FD TO SUMMARY.....					

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* SECTION (C) : REINFORCED CEMENT (RCC) CONCRETE :

SI.No	Description of Item	Quantity	Unit	Rate(in Figur and Words)	Amount Rs.
C1	P & L RCC M75 (1:4:8) WBP for subgrade or for the subfloor 150/200mm thk. weigh batched mixed at any level and position with crush sand bailing out subsoil water curing etc complete.	0.00	CM		Not req.
C2	-Do- But for RCC M100 grade I.e. (1:3:6) under CC floor (tremix), rest as above. <i>Spec No: C(5.to20)</i>	16.16	CM		
C-3	PCC (M300) for footing/pedastal etc WBP , work in foundations for R.C.C columns/walls at any depth & level formwork with crush sand of any shape, compaction, curing etc. <u>incl. dewatering sub soil water</u> (excluding steel) work with reinforcement RMC, subject to conditions <i>Spec No: C(5.to20)</i>	39.76	CM		
C3.1	-Do- But FOR RCC Footing (M250) grade rest all as above(itemc3).	---	CM		Rate only
C4	P & C in situ R.C.C. (M300) with crush sand for RCC Columns etc.with plywood forms to obtain, smooth uniform fair faced surface and of any shape.crush sand(<i>roughning the surface only if to be plastered</i>) weighbatch concrete complete. <i>Spec No: C(5.to20)</i>	92.29	CM		
C4.1	-Do- But for columns below ground level rest all as above and <u>incl. dewatering sub-soil water etc</u> complete RMC utilized. <i>Spec No: C(5.to20)</i>	10.02	CM		
C5	P & C in situ cement concrete mix (M250) (1:1:3) with crushed sand for Plinth Beams/Wall Runners as per design,any size & shape ,drawings at any level & of any height,rest all as per preceding item ,weighbatch concrete complete. <i>Spec No: C(5.to20)</i>	6.00	CM		
C6	P & C PCC(M300) grade with crushed sand for RCC. Flr Beams/slab Drops Panels /Lintels , curved,cantilevered,cranked etc. as/design or directed with form-finish uniformly level fair faced surface at any height/ shape etc, weigh batched concrete complete. <i>Spec No: C(5.to20)</i>	25.00	CM		
C6.1	-Do- But in CC(M250) for RCC Floor Beams & Lintels as per design and rest as above etc - weighbatched concrete -complete. <i>Spec No: `DO`</i>	65.50	CM		
TOTAL OF SECTION (b) C/FD TO SUMMARY.....					

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
C6.2	Do- PCC (M200) grade for beams/ <u>Wall Runners</u> as per design & rest as above item(c6)etc. complete. <i>Spec No: 'DO'</i>	4.00	CM		
C7	P & C weighbatch P.C.C.(M200) grade mix design,crush sand <i>Beams/ Lintel</i> ,as per design and drawings at any level or as directed, rest all as per preceding item, complete. <i>Spec No: 'DO'</i>	6.00	CM		
C8	P & C Weighbatch PCC(M250)with, crushsand for RC <i>Slabs Drop panels, Landings,Loft /Waist Slabs/Balconies Sloped or Flat</i> & the like as per design & drawings or as directed including form-finish with uniformly level, fair faced surface at any height/ shape etc complete . <i>Spec No: 'DO'</i>	63.50	CM		
C9	DO -But for RCC Slabs in (M300) grade & rest all as per preceding item complete. <i>Spec No: 'DO'</i>	267.00	CM	15246	4070682.0
C10	`Do but for P.C.C.(M250) grade for RCC Canopy Sloped or Flat & the like as per design & drawings or as directed including form-finish with uniformly level, fair faced surface at any height/ shape W.P incm(1:3)etc, complete. <i>Spec No: 'DO'</i>	2.00	CM		
c11	P & E RCC Wall of any thickness PCC(M300) designmix with crush sand of trap granite /quartzite/gneiss metal as per detailed design and drawings at any level or as directed, fair faced form finish to uniform appearance complete. <i>Spec No: 'DO'</i>	10.00	CM		
C11.1 ---	-Do- RCC wall. (M250) grade for Elevator Shaft upto roof level, as per preceding item,with Form finish (surface in plumb and free of variation essential for erectors frame work variation if any made good free of cost by contractor) <i>Spec No: 'DO'</i>	52.00	CM		
PAGE TOTAL C/FD.....					

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SI.No	Description of Item	Quantity	Unit	Rate(in Figur and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
C12	P & C in situ P.C.C.(M200) grade metal for <u>Chajias/ Facias/Drops/Fins/Ledges/Mullion</u> at any level & height , to required shape and design with drip mould etc. complete (W.P.plaster measured seperately) Spec No: SC(1) to (35)	4.50	CM		
C13	P & C in situ P.C.C.(M200) grade RC Coping for parapets, at any level height, shaped as required rest all as per item(c12),complete. Spec No: SC(1) to (35)	2.00	CM		
C13.1	P & C RCC Cills/bands (M150)grade shaped as required at any level or as directed, rest all as per item(c13),complete. Spec No: SC(1) to (35)	2.00	CM		
C14	P & C in situ RCCPurdi /Parapet (M200), 50 to 200mm thk. chamfered/ rounded top as reqd. or approved by Architect, form finished as per item(c11),complete. Spec No: `DO`	10.50	CM		
C15	P & C weighbatch PCC (M200) grade for Steps Curved,/Straight /Winding, at any level & height as per design & drawings with Plywood forms , including forming mortice pockets for Balusters /anchor bolts etc. surface form-finished (incl. roughning surface if to be plastered) etc as per design ,curing etc.complete. Spec No: `DO`	1.50	CM		
C16	P & L Lime concrete(1:2:4)with brick bats packing around Ind. W.C. units/traps & the likes complete. Spec No: `DO`	19.00	CM		
C17	P & L RCC (M200)grade for <i>Gutters</i> with facia wall etc.at any level & height as per design & drawings incl.centring,formwork complete.	5	CM		Rate Only
TOTAL OF SECTION (c) C/FD TO SUMMARY.....					

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SCHEDULE A

SECTION D1

MASONARY WALLS

BRICK/COMPOSITE/PRECAST CEMENT CONCRETE BLOCK/MASONARY WALLS

1. Mode of Measurement. Half brick walls In Sq. Mtrs. One brick thick walls as of 230 mm thickness and 1-1/2 brick walls shall be 340 mm thk., two brick walls shall be 450 mm thk. irrespective of the actual thickness. Joints shall be raked out with each buildup (1 Mtr. only).
2. Cavity walls with two skins of brick walls and a cavity in between shall be measured a half brick wall unit *plus one time extra allowance for forming cavity*, supply and fixing of wall-ties, closing cavity etc. Only selected local bricks shall be used in every item. Joints shall be 1/4" in CM (1:4).
3. Composite walls in combination with stone on CC block masonry / RCC etc. shall be measured and paid for an two separate elements on either side of the center of the wall.
4. Composite walls with PCC / RCC on one face and brickwork on other face shall be measured in for separate thickness of brickwork and concrete. No extra shall be paid for building such walls.
5. Isolated/free standing walls shall be built in panels with 'open gap' at required intervals of 9 Mtrs. and braced with RCC bands @ 1 Mtr. or as directed, *in the rates quoted*.
6. *The mortar Joints shall be neat in line and level controlled to uniform thickness(upto 10mm) whether with river sand or crush sand.*

NOTE :- The contractors shall may attention to the service pipes / ducts etc. which pass through the walls / plinth or W. C.s / Traps requiring sunken levels and make due provisions therefor by placing blank

CONTRACTORS

* SECTION (d1):- BRICK MASONARY :
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Note:- Refer to notes to Schedule 'A', specifications, Preamble & the drawing.

Sl.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
[For Specifications refer Clauses SD1(1 to 4)]					
d1-1	Providing 2nd class Burnt-brick masonry with conventional / I.S.type 'bricks in C.M. (1:6) in Foundation / Plinth including striking joints, rakingout joints watering and scaffolding etc, complete. (230mm thk. & to any SHAPE) <i>Spec No: SD (1)-(3)</i>	58.50	CM		
d1-1.1	-do- but brick walls in superstructure,230 mm thk rest as per above item no d1. <i>Spec No: SD (1)-(3)</i>	6.50	CM		
d1-2	Providing 2nd class Burnt-brick masonry with conventional/ I.S.type 'bricks in C.M. (1:4) in Half brick (115mm) , wall including mildsteel longitudinal reinforcement of 2bars of 6mm dia/2,hoop iron strips 25x1.6 bounded at ends, scaffolding, rakingout joints,watering,complete. <i>Spec No: SD (4)</i>	170.70	SM		
d1-3	P & E 2nd class Burnt-Brick masonry with (230x75x150mm) local bricks 1st quality, in c. m. (1:6) in 150MM THK. External walls including scaffolding, raking out joints,curing etc complete. <i>Spec No: SD (1)-(3)</i>	211.50	CM		
d1-4	P & E ARCH in Bk masonry in CM(1:4) for openings upto 5m span with wedge shaped brick Vousers & Key block, Arch upto 450mm thk. (for span) <i>Spec No: Do</i>	-----	CM		Not. Req.

TOTAL OF SECTION (d-1) C/FD TO SUMMARY.....
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SCHEDULE A

SECTION E

Plastering & Pointing

Notes :-

1. External plastering shall be in two coats, with proper intervals and the rate shall be for any level and position including labour, scaffolding, curing etc. complete. While the internal plastering in single coat followed by neeru.
2. For BB masonry base coat of 10 mm thk. CM (1:4) and second coat of 5 to 7 mm thick may be applied.
3. All surface to be plastered / pointed shall be prepared and dressed to a uniform plane, line and level etc. as directed. Plastered surface shall be cured fully for three weeks.
4. All the surface to be plastered shall be cleaned and roughened to form good key before commencing plastering. Use of chicken wire-mesh backing at junctions joints of RCC and masonry walls will be necessary. Use of any waterproofing, bonding or agent shall be paid for independently. The sand to be used for plastering shall be finely sieved and washed clean as directed. Base coat for Dados shall be with W.P.agent.
5. Where surface is to be rectified it may be prepared and treated with Cemprover/hardcrete etc. agents at no extra cost as directed before plastering.
6. Rates include use of plasticisers sealants if so required by Architect. Surface protection & immediate cleaning up of adjacent surface must follow. Incase POP punny is to be made use fresh, branded material be used.
7. The Rate for external plaster shall be for double-coat work or else It shall be reduced by 50 % if this is not observed. (Base coat with crush sand & final coat River sand) The sand shall be screened and clean river sand as specified in section 'C'/'E' of specification.

CONTRACTOS

SECTION (e): PLASTERING/POINTING

Note: The description of Items listed include use of river sand and scaffolding, surface preparation, chicken wire mesh over joints bonding agent, wedging top course raking out and curing etc.

SI.No	Description of Item	Quantity	Unit	Rate (in Figure and Words)	Amount Rs.
e1	P & A Sandfaced Plaster in C.M. (1:4) upto 20mm th. In two coats in all positions with 12 mm thk base coat in CM (1:4) and specified waterproofing compound (@1 kg/ cement bag)- base coat keyed for 2nd coat 6mm thk sandfaced Sponged treatment in CM (1:4), uniform finishing the surface 12mm smooth border by edges curing etc. clean-up droppings stains etc. complete. <i>Spec No: SE (3)</i>	836	SM		
e2	`-DO- But for 12to15mm Plaster to any surface, in CM (1:4), Single coat , using G.I. chicken wiremesh @ junction of wall+ RCC surface complete.(under Smartwood top) <i>Spec No: SE (3)</i>	660	SM		
e3	P & A Plaster in C.M.(1:4) to <i>Internal surface</i> single coat 12/15mm, when green, application of Neeru (appd.brand) 3 to 4mm thk., finished to a uniform even smooth surface curing, cleaning dropping/stains etc.incl.chicken mesh 300mm on joints complete. <i>Spec No: SE (1)</i>	2705	SM		
e3.1	`- DO - Plaster for Internal surfaces <i>but with POP (appd.brand) Punning</i> 3 to 5mm over. keyed plaster surface as above and finished for a uniform smooth surface complete. <i>Spec No:</i>	657.50	SM		
e3.2	<i>As above but for application of Wallcare Putty instead of Neeru topping over the plaster base rest all as above complete.</i>	2705	SM		Rate only
e4	Application of Natural Textured Coating 2mm thk Acrylic, copolymers, inert fillers over basecoat & finished with Rollers and suitably painted with exterior grade acrylic paint to obtain waterproof, flexible, uniform & application on any surface with required pattern of grooves etc. incl. Scaffold masking adj. area, curing, cleaning etc.complete. (executed by approved specialist agency viz. Bondval/Surfacoat/Renovo etc.) <i>Spec No: SE</i>	660.00	SM		
Total C/fd.....					

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contractor

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
Total C/fd.....					
e6	Labour for Grooves (12x12mm)in any plastered to reqd. pattern & shape at any position & location in line & level etc. including scaffolding, curing etc.Complete.	120.70	Rmt		
e7	Labour for <u>Drip moulds</u> /Throating (25x25mm) for chajja, canopies & the like in cm (1:3) at any level including scaffolding, curing etc. Complete. Spec No: SE (5)	503.50	Rmt		
e8	M & L for Decorative Raised bands/ Coving/ Mouldings/Cornices/Architraves etc.80x80mm of any type in plastering in CM (1:4) at any level etc.complete. Spec No: SE (5)	50.00	Rmt		
e9	P & A Neat Cement Plaster with Base coat &Finishing coat in CM(1:3) 4 TO 5mm, incl. making markings to reqd.pattern,curing etc complete. Spec No: SE (6)	20.00	SM		Rate only
e10	Keyed Pointing in CM (1:3) for any Brick/Block walls to obtain uniform coursewise joints neatly finished etc with Proofing powder, incl. Surface protection,cleaning,curing complete. Spec No: SE (9)	-	SM		Rate only
TOTAL OF SECTION (e) C/FD TO SUMMARY.....					

Employer

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SCHEDULE A
SECTION F
 FLOORING / SKIRTING

Notes :-

1. Bedding with minimum thickness of 20 mm in LM (1:2) or in 15 mm CM (1:6) as required shall be provided, of necessary thickness to achieve proper slopes.
2. All natural stone slabs may have variable thickness as indicated and no reduction beyond the minimum required, shall be allowed, nor any additional payment shall be made for extra thickness of bedding. Size shall be accurate as reqd. with no variation (+/- 1mm) for Ceramic/Glazed/Granamite Tiles.
3. No extra allowance shall be paid on account of handpolishing in small or on vertical surface etc. all tiles shall be smooth polished to perfection and cleaned and washed properly.
4. Specimen of tiles shall be got approved beforehand and these shall also be in conformity with ISI Code. Only approved and branded Tiles of 1st sort shall be used. Use of ready to use Mortars (e.g. Tile Master by Roff/Pidilite etc.) shall be made instead of neat cement slurry within the item rates quoted.
5. Normally floor slopes (if not shown on drgs) shall be towards external face of room or in case of internal areas, towards toilets, landings, outlets etc. Balconies, verandahs and toilets shall have floors lower than the rooms.
6. All Joints shall be even and of minimum specified thickness and shall be pointed in white or coloured cement to match with the body of the floor tile. Skirtings, dados shall be without hollows on the backside and shall be without from above in as directed, if not set first to the plastered surface.
7. All the tiles natural stone paving etc. shall be of best specified quality free from *any defects or faults* and shall be laid to required pattern if required.
8. Rates include machine polishing or hand polishing, cutting to shape, cleaning, washing etc. as required in floor / skirting or dados unless otherwise mentioned.
9. The Ceramic Tiles/Granamite Tiles shall be of 1st sort, with 'True' edges and uniform thickness and of one batch. The tiles from approved Brand Kajaria/Bell/R.k. and samples must be got approved from Architect.
10. For cutting / Drilling holes use of mechanical diamond cutters bits etc shall be made to obtain neat and clean cut. The joint thickness for ceramic glazed tiles shall be (+ two mm) and sealed neatly.

CONTRACTORS

* SECTION(f):FLOORING/PAVING.

All work includes use of 1st quality selected stuff set on L.M.(1:2)bedding and in neat white cement, pointing in matching Colour, tile set to any pattern edge dressed close fit, as reqd. (All natural Stones floor True in Shape' 18mm thk: Ceramic Tile :matt/semigloss 8mm thk. Granamite :fully vitrified tile 10/12mm thk.

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
f1.	P & F Granamite (vitrified) mirror finish tiles (1600 X 800x13mm) / (900X 900x 12mm) or such other for flooring Kajaria (nano tech) or similar Jhonson/ Bell/Kajaria set on CM (1:6) bedding of 40mm thk. and <i>neat white cement slurry</i> , joints pointed in matching coloured cement curing, cutting to reqd.shape as per design/pattern complete. For Tiles of any Colour/ shade & design -1st quality-selected. Spec No: SF (15)	689.00	SM		
f2.	-Do- but in (600sq.x10mm) Tiles, any colour design and shade of and rest as above etc. Spec No: SF (15)	52.00	SM		
f3.	-Do- but Coloured Tiles Antiskid Granamite (vitrified) of (600sq.x10mm) for Balcony/terrace etc.rest as above etc.complete. Spec No: SF (15)	208.50	SM		
f4.	-Do- but for Dados upto 3000mm / (Skirting upto 300mm) tiles or as reqd. on backing coat of CM(1:4) and including neat white cement float filling joints with white cement slurry (colour) matching dado/skrt., curing, cleaning complete. Spec No: SF (15)	423.00	SM	2028	858006.1
Glazed Tile/Ceramic tiles etc.					
f5	P & F Ceramic anti-skid tiles Square/ rectangular for floor Kajaria (Diamond shield) or similar of Jhonson/Bell/Spartek make, set on CM (1:6) bedding of 40 to 30mm and neat cement slurry joints pointed in white coloured cement curing ,cleaning etc.as/design 1st quality complete (Black/Black slate/fab.bronze kajaria)				
	a High polished tiles of any size	-----	SM	-----	Not Reqd
	b Matt finish tile (400x800/600mm sq.x8 to 10mm)1st	92.50	SM		
	Spec No: SF (15)				
f6	-Do- as above but for Dado upto 2100mm, Square/ rectangular (9 /10mm) tiles for work in Dados with backing coat set in CM(1:3) and neat cement and pointed in coloured cement /tilemaster adhesive Roff/Bauchemie etc. Complete.Matching the Floor tiles. Spec No: SF (15)	317.00	SM		
PAGE TOTAL C/FD.....					

Employer

contractor

Sl.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
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PAGE TOTAL B/FD.....

Natural Stone,Paving / Flooring/ Dados etc.

(for best quality stone quarried from appd. Source and hand dressed to reqd.size mitred edges for 2mm joint, pointing in white cement, mirror polishing, & hand polishing rounded edges cleaning stains etc.as specified)

- f7. P & F **Cills/Jambs/Frames** for openings/ Tops with natural Coloured Granite Stone 20mm thk. machine-cut and hand dressed edges with moulding, and mirror polished, set in CM(1:3) etc.complete for :- Door Frames (**200x40mm**) with two Pieces (**200x20**) + (**110x20mm**) bonded with araldite as per drg & details incl.rounded edges, notches for tower-bolts/locks/ aldrops etc as reqd. joints in epoxy and polymer based filler etc.complete

- a) for (Frames200x20mm) with moulded edges.
b) for (Stop Bead 140x12mm) rounded edges.
c) for (Architrave(50x20mm)with moulded edges
d) for Jambs/cills(175x20mm)for openings as/(a)
e) Cill (175X20mm)rounded edges
f) Add for Labour for moulding&polishing edges etc. of(250sqmtr)of granite area
Spec No: SF (10)

61.5	smt
43.0	smt
242.0	smt
61.6	smt
3.0	smt
790.0	Rmt

- f8 P & L **Kota Stone** (600x450x30mm) floor laid to pattern set on a bed of C.M. (1:6) including hand dressing edges,2mm joint , cement float, filling joints, with neat cement slurry, curing, mirror polish and borders hand polished and cleaning etc.complete.

67.50	SM
10.80	smt

- f8.1 `DO- for skirting (125mm) in c.m.(1:4)etc.
Spec No: SF (11)

- f9 P & L Coloured **Granite stone** Granite Floor/ steps, lsingle piece, machine cut, mirror polished 15 to 20 mm thk laid set on a bed of C.M.(1:6) incl. Coloured neat slurry in to true line and level in reqd. position, for Flooring to required pattern and shapes etc. as per drawing, curing, cleaning, complete.

5.00	SM
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Spec No: SF (10)

- f10 P & F natural Granite stone in Dado,largeslabs, with SS cramps,backing of polymer based readymix mortar by roff/MC Bauchemie , as directed incl. Coloured neat cement based slurry in true line and level in reqd. position, for Dados & Skirting to reqd pattern and shapes etc. as per drawing, curing, cleaning and rest as above.. incl rounded at perimeter complete.

Select coloured Granite Stone slabs from approved source e.g.**PRP** Exports or similar
Spec No: SF (10) -(11)

138.58	SM
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Employer

contractor

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
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PAGE TOTAL B/FD.....

Platform / Counter Tops etc.

- f11 P & F Counter Tops with large slabs of high polished Stones set in CM(1:3) and neat cement and pointed in matching coloured cement edges rounded etc.

- a) Coloured Granite mirror polish stone top.
b) Premium mirror polish Coloured granite.
Spec No: SF (10)

7.50 SM
----- SM

Rate only

For Staircase and Steps

- f12 P & L machine cut, Mirror polished **Kota Stone** in required width for Treads or Risers, set on a bed 25 to 30 mm thk. C.M. (1:6) including filling of joints with neat cement slurry, curing, mirror polished and rubbing, nosing/rounded /grooves etc. Complete.

- a.) Treads (1500x295mm) with antiskid roughened 75mm strip ,nosing etc. 60.50 SM
b) `DO- but Treads (1350x270mm)rest as above. 5.10 SM
c) `Do -but for Riser matching treads (158mm high) 27.50 SM
Spec No: SF (11)

- f13 -Do- but for Granite Stone for Tread and Riser of reqd. width, Rest as above. Complete.

- a.) Treads(2400x295mm) antiskid 75mm roughstrip 8.02 SM
b) `Do- Riser matching treads 150/160mm ht. 4.00 SM
Spec No: SF (10)

- f14 Add for Labour charges for rounded Nosing bullnose Four grooves /antiskid textured strip etc.

Spec No: SF (10)-(11)

- a). For Granite Treads 17.00 Rmt
b). For Kota Treads 108.00 Rmt

Page total c/fd to SUMMARY.....

Employer

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SCHEDULE A

SECTION G - JOINERY

Notes :- (To be read in conjunction with drawings and details)

1. The rates in this schedule shall be for 1st class hardwood (teak wood) unless otherwise specified in the item. Rates shall be reduced by 45 % if the wood used is not in conformity with the specifications.
2. Shutters shall be paid on Sq. Mtr. basis independent of panels and shall be measured and paid for separately (and must be of TEAK WOOD only), for overall area.
3. Panels shall be measured and paid for as per the actual visible area excluding embedded portions in the grooves / slots. Measurement for the glazing shall be similar to the panels.
4. The particle / block / plywood boards to be used s panels shall be of BWP exterior grade as under :
 - a) Plywood panel - Marine Board Phenolformaldehyde bonded.
 - b) Veneered surface / panels shall be protected form staining etc. & primed as reqd.
5. *All rates for (T.W./plyboard)shutters and frames shall be inclusive of anti-termite coating (Bison) for the area in contract with walls / any surface, while the other areas shall be with wood primer or other base coat suitable for polish.*
6. All joints of wood work / walls RCC surface shall be covered with 150 mm wide chicken wire which shall be paid for separately.
7. Rates shall be inclusive of Rough Grounds, beads, lippings, screw, HW pins, hails, grooves, rebates, brecings for all wood-work, whether specifically mentioned or not, including use of adhesives, fasteners, strong iron, holdfasts etc.
8. Ref. To various members of shutters shall be understood as 'St.' for style; 'BT' bottom rail; 'MR' for middle rail; 'TR' for top rail; and 'IR' for Intermediate rail, 'LR' for Lock rail, unless specification drgs. otherwise.
9. *Only ISI mark plywood / boards (BWP exterior grade) bonded in Phenolformaldehyde glue only shall be used in all items, unless stated otherwise. Shutters (unless othwise stated) shall be Laminated as required*
10. Rates quoted include fixing with compatible screws all types of fittings & fixtures as may be reqd. Contractors shall procure fittings & fixtures (if not so provided in Schedule A) on the purchase price of these 10 % margin shall be allowed towards OHD & profits etc.

CONTRACTORS

* SECTION (g):- JOINERY :

Note:- Refer to notes to Schedule `A', specifications, Preamble & the drawing.

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
g1 ---	S & F Flush(BB) door shutters BWP grade 32mm commercial veneer of Mysore/Duro or Anchor make (Phenol formaldehyde) finish on both faces of Shutter edges t.w.lipped, (incl. vision panels as required) , incl. fittings & fixtures with matching screws /bolts etc. (Fittings listed in schedule I)annexed <i>hereto complete with primer+two coat oil paint</i> <i>Spec No:SG 20</i>				
	a) For door single shutter D3/D4 type.	52.39	SM		
	b) Do For door D4 type.	3.64	SM		
g2 ---	-Do- but with 1.5mm Laminate (matt finish appd. brand) finish on both faces, Shtr. Edges t.w.lipped, (incl. vision panels as required), incl. Fixing with screws/bolts etc. <i>(Incl. Fittings vide Annexure 'I')</i> <i>Spec No:SG 20</i>				
	a) For door D3 & D2 type(toilet blk).	48.00	SM		
g2.1 ---	S & F the Vision Panel Clear glass 5.5mm thk. within shutter as/drg.with glazing Beading etc. <i>Spec No: SG 21</i>	1.50	SM		
g3 ---	S & F PVC door shutters of 5mm thk and 20 mm or more wide panel in PVC moulded panels incl. Fixing with screws/bolts etc. (type D2/D3) <i>(Incl. Fittings vide Annexure 'I')</i> <i>(optional to item no (g-2)</i> <i>Spec No:SG 20</i>	48.00	SM		Rate only
g4 ---	S & F Mortice Lock/NightLatch/Telescopic eyepiece etc special fitting payable (Cost+10% for OHD & PFT as selected with screws/bolts etc(vide the <i>Annexure 'I' for terms & conditions stipulated</i>) <i>Cost allowable for limited specified Items to be selected as required</i> <i>Hinges/Aldrop/Slidebolt/Handle set etc with item rate</i>				
g5 ---	P & F T.W.Covermould covering frame-wall joints,shaped as reqd.,fixing with screws concealed & nails etc complete for:				
	a) Covermould 25X12mm section	12.00	RM		
	b) - do - 12X6mm section	15.00	RM		
	<i>Spec No:SG 1 TO 14</i>				

PAGE TOTAL C/FD.....

Employer

contractor

Sl.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
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PAGE TOTAL B/FD.....

g5	<i>P & F Structural Glazing with Toughened glass 12mm - tinted Blue/ grey, in panels approx (2400x 1200mm) and SS Spider Fittings (316 grade) Ozone /Kismat make for structural Glazing panels with silicon (995&789 grade) Polymer sealant. (with Aluminium P.C. finish tubular section frame (63x38x3mm) surround frame on walls& soffit to house LED light Light strip within, perimeter etc. fixed with P.C. strong 'L' cleats or fastners ,approx.900mm c/c neoprene lining etc complete to match the finished 'opening dimensions ' as/ drawings and instructions.</i>	26.00	SM		
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g 5.1	<i>P& Etched Letters by image transfer technique on Galss panels (item g-5) alphabets / borders etc. as required with opaque texture and pained in Gold metallic colour as directed complete a)The Bank Name (Letters)330mm high b) Borders 50mm for (7500x2400mm)panel) as/ d</i>	20.00	nos		
		18.00	Rmt		

g 5.2	<i>`-Do - as above(g5) for10mm Toughened Glass panels hung on S.S. Spider fittings (specified make) from slab soffits for Balcony/terrace of the elevations, as Sun Screen (450mm) high as per drawings rest all as above (g-5)complete.</i>	22.00	SM		
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TOTAL OF SECTION (g) C/FD TO SUMMARY.....

Employer

contractor

* SECTION (g1):- Upvc / Alu. Doors and Windows:-

Note: Refer to notes to Schedule 'A', specifications, Preamble & the drawing.

Sl.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
	(read P.C.= as Powder Coated)				
g1-1	P & F U PVC Doors, Windows, Glazing by				
---	reputed makers Fenesta/wintech/Rehau/Nucon ISI mark or similar approved make with , with Titanium Dioxide, Impact modifiers and heat stabilizer& combination of casement/Slider/Fixed/ Tilt& turn/Top hung as type as reqd. Incorporating UPVC multichambered, double sealed, Friction welded with multiple locking points including "Rain drain Mechanism" (clip on rain track at cill), with the steel reinforced sections with air tight insulation against whistling & Rattling. Heat insulating double glazed with sealing along the perimeter conforming to IGBC specification. Incl. Friction hingeskeeping shutter at any angle. EPDM gaskets, sealing glass and Desicants between double glazing of Plain/grey Tinted 6 mm glass with multi-chamber profile and guide rails, rollers, stoppers at reqd. height and levels for following Spec No:SG1 (10)				
a1) 1	Main entrance door UPVC frame 60 mm with side hung shutters pivoted (friction hinges) type in white finish, glazed with 6mm clear double glazing as reqd.with accessories, complete as/dwg	4.80	SM		
g1-1b)	For Fixed framed Glazing panels by the door	0.60	SM		
g1-2a)	-do-but for D3 type(900x2400) + Fixed Glazing (1200x2400) with 60mm frame, P.C.finish,double glazing Rest as above, complete. For DoorD3	2.20	SM		
g1-2b)	Do but for Fixed Glazed Panels by the door	3.50	SM		
g1.3.1	-Do- Sliding window with 3 track 110mm in white finish, 4 interlocked shutters and 2 glass fibre Mesh panels incl. 6mm glazing, locking devices & necessary accessories fittings, complete.(W7 approx.2.400x2.400mm) as per drawings and instructions complete.	69	SM		
3.10	do -do- but for W7 ax4Shtr(2400x2100mm)	20.2	SM		
3.20	do -do- but for W8 x4Shtr (2400x1500mm)	18.0	SM		
3.30	do -do-but for W9 x4Shtr(2400x2400mm)	23.0	SM		
3.40	do -do- but for d84 Shtr (2400x2400mm)	12.00	SM		
3.50	Sliding Door (4shtrs)				
g1.4	-Do- but Sliding window with 2 track 110mm in white finish, 2 interlocked shtrs and one with glass fibre Mesh incl. 6mm Fixed panel glazing, locking devices etc.complete				
a)	do -do- but for W6 (1800x2400mm)2 fx pael	17.30	SM		RateOnly
b)	do -do- but for W5 (1200x1500mm) ftwoShtr	3.60	SM		
PAGE TOTAL C/FD.....					

Employer

contractor

Sl.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
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PAGE TOTAL B/FD.....					
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g1-5	-Do- but W4 Top hung window with 60mm frame in P.C. finish, 1 top hung glazing panel and fixed panel and.openable shtr. 6mm glazing, locking devices etc.and reqd accessories, complete. as/drawings	9.72	SM		
g1-5	P & F Windows Aluminium P.C. finish with Jindal Medium duty sections 0.9kg/mwith frame and shutters 0.7kg/m TopHung type,4mm glazing, fittings and fixtures locking with handles and bolts as reqd. complete (For Tw2 type windows (750x900) and TW(750X600) respectively as/drgs	19.80	SM		Rate only

TOTAL OF SECTION (g1) C/FD TO SUMMARY.....					
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Employer

contractor

SCHEDULE A
(H1) IRON, STEELWORK, & FABRICATION ETC.

Notes :-

1. The contractors shall procure all kinds of steel for reinforcement and fabrication items of work which shall be in conformity with the relevant IS code. If the Employers supply steel it shall be at the terms and conditions under schedule B, appended hereto.
2. Where necessary site welding or nut-bolting shall be done at no extra payment shall be made for any bolts / nuts etc. required in the work except for holding down bolts, dowel bars in concrete etc.
3. H. T. Reinforcement Bars :- 'H. T.' shall mean ribbed or deformed / torque bars tested type, conforming to IS 432 and 1139 of 1966 and MS round bars shall be in conformity with IS - 1786 of 1966. The reinforcement bars shall be CRS Fe 415 grade from TISCON or equivalent. It shall be of approved manufacture.
4. Rates offered by contractors are for complete work in this and other sections including consumption of electrical energy bill, water, transport, wastage, labour, supervision etc. etc. as may be reqd. on the work-site.
5. The bars shall be cut to precise length and laps shall not be permitted normally. If contractor laps are permitted at specific locations by structural engineers to suit contractors these shall not be measured nor paid for rates include 'covers' chairs keys etc. etc.
6. All the fabrication items shall be executed with precision and accuracy as per the site requirements and structural drawings, 'Shop' drawings shall be made by the contractors for approval of Architect / Structural Consultant.
7. All items of steel except the reinforcement steel shall include the cost of red oxide primer or any other type or primers specified.

CONTRACTORS

* SECTION (h1):- REINFORCEMENT STEEL :

Note:- Refer to notes to Schedule 'A', specifications, Preamble & the drawing.

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
	Steel reinforcement: M & L for fabrication- with TOR Steel(H.T.) round bars 10mm & over cut to lengths, binding to shape as reqd. incl. cranking, bending, spirally or looping, for columns, hooking ends & binding with- MS 0.9mm dia steel wire or secured with clips etc for Tor 50 Grade twisted Steel Bars <i>Spec No:- SH(III)-1 TO 18</i>				
h1-1 ---	-do- but for bars H.T. 8mm dia, Tor Steel round bars as reinforcement or Stirrups/spacers/binders/straight etc. <i>Spec No:- SH(III)-1 TO 18</i>	12886.00	KG		
h1-2 ---	-do- but for M.S. 6mm dia bars as stirrups, spacers, binders/straight etc. <i>Spec No:- SH(III)-1 TO 18</i>	3200.00	KG		
h1-3 ---	M & L for reinforcement with Deformed or twisted steel bars 16mm dia. or over using**Tor 50 grade H.T. Bars <i>Spec No:- SH(III)-1 TO 18</i>	16090.00	KG		
h1-4 ---	-do- as per No1 above but for Tor bars 25mm and above in full lengths as reqd. <i>Spec No:- SH(III)-1 TO 18</i>	32180.00	KG		
h1-5 ---	As per item No.1 above, but for twisted, deformed -steel bars 12mm dia and over for ' HOOKS ' /dowels/anchors etc. <i>Spec No:- SH(III)-1 TO 18</i>	50.00	NO		
h1-6 ---	P & F in position 'weldmesh' in panels as- reinforcement, grille panels in concrete/ masonry or over in openings any reqd. shape, level & size comp. <i>Spec No:- SH(III)-1 TO 18</i>	20.00	SM		
Total of Section (h1) c/fd to Summary.....					

Employer

contractor

SECTION H2

H2 - DOORS, WINDOWS, RAILINGS, MISC. ITEMS

Notes :-

1. Windows shall be manufactured incorporating best quality standard Z type rail sections of 'Ahmedabad' make and it shall be in conformity with IS - 1038 of 1968 and IS - 1977 of 1962. It shall be fully welded and jointed and the area of weld shall be ground to smooth finish.
2. The assembly shall incorporate mullion, ransom, coupling bar box, transom, glazing "T" bars etc. as
3. All the windows and doors shall be installed in position with welded holdfasts 150 mm or Lug out of 20 mm flat nut locked properly.
4. The windows and doors may carry guard bars or grille as per design, rate shall include unless provided otherwise.
5. All glass for glazing shall be free from any manufacturing defects and in conformity with specifications and relevant IS Code. The panes shall be cut to the correct size and installed carefully with glazing clips or alu. or t. w. glazing etc.
6. The glazing putty shall be gold size, best quality of Shalimar make.
7. Rates are for finished items installed, erected and fully operational. Use of proper new std. Steel sections etc will be made, as shown on drawings / specifications. Area in elevation from a side shall be measured.
8. Holding down bolts shall be measured and paid for as in small articles. However, no payment for holdfasts for any item shall be made. In case of baluster, railing, guard bars, etc., payment shall be made on the (standard) 'weight' basis and no cognisance of change in shape or size excess weight shall be made.
9. The standard weight of all materials shall be taken into account.
10. The Tabular sections (RHS / SHS) shall be as per (IS 4923) and workmanship as per (IS 806) for general construction.
11. Holding down bolts shall be measured and paid for as in small article. However, no payment for holdfasts for any item shall be made. In case of baluster, railing, guard bars etc., payment shall be made on the (standard) 'weight' basis and no cognisance of change in shape or size excess weight shall be made.

CONTRACTORS

* SECTION (h2):- Fab.Steel Windows/Doors/Railings etc.Misc.Items :

Note:- Refer to notes to Schedule 'A', specifications, Preamble & the drawing.

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
h2-1 ---	S & F Rect`lr /Square Sections for Frame / Duct grilles out of section 38 sq./ 38x38x3.2 RHS/SHS (IS 4923) etc. as per drg. Screwed/ welded incl.primer+ 2coats of oil paint etc. complete. <i>Spec No: SH(II)17 to 25</i>	2676.00	Kg		
h2-2 ---	P & F Fabricated steel Door + Grill (for Basement) as per drgs out of std. Steel sections, tubes channels (50x25/50x50) (RHS/ SHS),bars (8mm dia) etc.in combination or to a pattern with other sections & with guide wheels,hinges,pivots, locking bars as reqd. including a coat of primer and 2coats of oil-paint etc.including foundations complete. (For Openingsx 1050x2100mm) <i>Spec No: SH(II)-23</i>	677.00	Kg		
h2-3 ---	S & F but for fabbricated open platform out of ISA ,50X5 flat,and 12mm dia , etc. sections ,cleats fasteners etc as /drgs, as reqd. .incl primer & 2coats of oil paint etc. <i>Spec No: SH(II)17 to 25</i>	801.13	KG		
h2-4 ---	S & F Steel Stairs, Steps, Ladders, Pulleys shelveings,supports,RWP covering etc.for parapets & other locations using std.steel sections SHS/RHS as per drgs. incl.provision of core rails.holdfasts,grouted to M 150 PCC and primer+2coats oil painted.at any level <i>Spec No: SH(II) 27</i>	400.00	Kg		
h2-5 ---	P & F steel door as per drgs. using std. sections, tubes channels, bars etc.with guide wheels, hinges, pivot locking bars as reqd.incl. coat of primer & 2coats of oilpaint etc. complete. <i>Spec No: SH(II)17 to 25</i>	118.75	Kg		
h2-6 ---	S & F Railings CRC 50mmSq.pipe welded to balusters,brackets,bent & shaped at newel points as design/drgs all as reqd. complete with primer+2coat of enamel paint <i>Spec No: SH(II) 25</i>	318.50	KG		Not req.
h2-7 ---	S & F small articles of any grade & sections, as in bands,straps,supports, steps for pipe, holdings,fan hooks, cleats,'L edging,runners, rods,bracers etc.& much other item including primer & 2coats of oil paint. <i>Spec No: SH(II)17 to 25</i>	100.00	KG		

PAGE TOTAL C/FD.....

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
h2-8 ---	<i>P and f pressed steel windows with Powder coated section of frame (50x50x2.90mm) with partly openable +partly fix glazed panels as per detailed drawing and design (For Tw2 type windows(750x900) and TW(750X600)</i>	19.80	SM		
h2-9 ---	S & F Collapsible Gates ,top-hung, bottom guide channels,pivoted flats (12x4mm), verticals 20x6mm with wheel runners,handles, with holdfasts,brackets & locking devices,etc. incl. one coat of primer & 2coats of oil paint etc. complete. <i>Spec No:S-H(II)-22</i>	10.00	SM		rate only
h2-10 ---	S & F std. Steel Rolling Shutter (latches 1.25mm thk.18G) interlocked & anchored on anchoring rod,with bottom plate (14G)side guides (75x5mm) thk. with locking arrangements, brackets, spring rollwer shafts,with a set of bearings, housing box(20G) cover,with accessories incl. primer+2 coats of enamel paint etc.(for opening area) <i>Spec No:S-H(II)-19</i>	10.80 4.00	SM no		rate only
	-d0- but for Grilled R.S. using 8mm dia bars & 10 mm thk. flats with side guides,bottom plate etc. incl.primer+2 coats of oilpaint(for opening area) <i>Spec No:S-H(II)-19</i>	10.80	SM		
h2-11 ---	Add extra over above items for gear operation arrangement for Bevel gear box,crank,handle,or chain operation type with chain wheel & hand chain etc. complete. <i>Spec No: -----</i>	1.00	NO		rate only
h2-12 ---	-do-but using heavy sections as per drawing & design,rest as item (h2-2). (For Basement windows/Ventilators) <i>Spec No: Page No:</i>	114.26	KG		
h2-13 ---	S & F SS Grill (304grade) for bank hall as per detail <i>Spec No: SH(II)-23</i>	18.00 81.00	SM KG		
PAGE TOTAL C/FD.....					

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contractor

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
h2-14	P & F SS Pipe(304grade) Railing & Balusters (3mm thk) out of 50mm dia. Pipes and 40 mm dia Balusters anchored in RC work with SS Round BasePlates/bolts 80mm dia of 16 guage thk and 6mm fasteners and neoprene patti brackets etc as per design as the Parapets/Screens etc (w/o Glass panels) complete.	14.50	SM		
	b) P & F 8mm toughened Glass between Railing & Balusters with neoprene patti brackets etc rest all as above	75.00	SM		
	c) P & F SS Pipe(304grade) Railing & Balusters (3mm thk) out of Top 50mm dia Pipes, 25 mm dia horizontal SS pipe and balusters with flat plate (50 X 6 mm) anchored in RC work with SS Round BasePlates 80mm dia (16 guage thk) and 6mm fasteners for balcony etc.	107.00	Rmt		
	d) P & F SS Pipe(304grade) Hand Rail out of 50mm dia 16 guage Pipes, on brackets 25mm dia SS pipe with bolts and fasteners etc, complete.	26.50	Rmt		
h2-15	DO BUT 12 mm thk tinted toughened glass on S.S.(304grade)50mm Pipe frame for Purgola at terrace level as/drg.,instructions complete incl.incidentals and accessories a)For SS 50mmdia. Pipe frame	102.00	Rmt		
	b)for 12mm Toughened Glass with Spider fittings and corner fitting Ozone make with silicon (995&789) sealant, neoprene gasket masking tape etc complete.	51.00	Smt		
Total of Section (h2) c/fd to Summary.....					

Employer

contractor

SCHEDULE A

SECTION K1 – WHITE / COLOUR WASHING / DISTEMPERING

1. Preparation of surface to receive white / colour wash, distemper and cement paint shall not be paid separately.
2. Priming of surface be done, wherever required and ordered in writing. The colouring shall be started unless freshly plastered surface are already cured and are dry. Cracks if any are sealed and stopped.
3. Application of colour-wash, distemper, white-wash or oil bound distemper, cement paint etc. shall be made in the rates of any surface that is plastered or otherwise and no extra payment due to such variation in surfacetexture shall be made. Use of D. D. L. binder for Dry distemper included in rates offered.
4. All external surface cement painted, shall be cured properly.
5. Sandtex Matt Cement Paint shall be applied in two coats over a base coat of cement paint. Surface cracks and crevices shall be sealed as directed, before commencing colouring.
6. Materials for all colour-wash, cement, paint etc. shall be best quality of ICI / SNOWCEM or equivalent manufacture.
7. The surface area - coloured / limewashed / distempered only shall be measured with deductions for openings and cutouts etc. as per I. I. A's mode measurement.

CONTRACTORS

SECTION K2 – PAINTING WORK

Notes :-

1. Rates quoted in this schedule shall be for measurement of painting area on square meter basis irrespective of size, shape of article and whether or not girth / width exceeds 10 Cms.
2. Multiplying factors given in IIA Schedule and the method of measurement given therein to obtain equivalent plain areas of uneven surface shall be applicable. Rate include dleaning up of all surface of stains, spillage etc.
3. No extra payment shall be made for thorough surface preparation, oil paint / polyurethane flat oil paint finishes.
4. All materials i. e. pains, primer thinner etc. shall be of best quality of Nerolac / ICI / Asian Paints, ready mix in sealed Containers (Use of Stainers may be made if so directed.)

CONTRACTORS

*** SECTION (k1):- WHITE /COLOUR WASHING / DISTEMPERING :**

Note:- Refer to notes to Schedule `A',specifications, Preamble & the drawing.

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
k1-1 ---	M & L for white-washing on walls,Ceiling. etc. in 2 coats etc.(only where ordered & not as Donga) <i>Spec No: S-K-1</i>	5349.00	SM		
k1-2 ---	M & L for 1 coat of white wash followed by 2 coats of colour-wash for walls,ceiling etc. <i>Spec No: S-K-1</i>	-----	SM		Rate only
k1-3 ---	M & L for primer + 2 coats of: a) Dry Distemper of any shade as specified. <i>Spec No: S-K-3 & 11</i>	-----	SM		Rate only
k1-4 ---	b) Oil bound distemper of any shade as specified. <i>Spec No: S-K-3.1 & 11</i>	1783.73	SM		
	c) M & L for appln of Exterior Emulsion Apex Weatherproof paint in 2 coats over base coat of self-priming coat (water&apex) 1:1,curing, scaffolding etc.complete. <i>Spec No: S-K-5 & 11</i>	1646.50	SM		
	d) M & L for Plastic Emulsion primer + 2 coats on walls,ceiling any shade as specified. <i>Spec No: S-K-5 & 11</i>	1195	SM		
	e)M & L interior wall finish luster of approved make on internal wall surface as detailed below Scrapping the surface with emery paper and wipe clean wall primer with brush AS SPECIFIED	930	SM		
k1-5	d) M & L for Enamel Paint primer +2 coats on walls/ceiling/ wood work or such other surface any shade as specified to obtain <i>smooth and even finish incl.cleaning stains etc. complete.</i> <i>Spec No: S-K-5 & 11</i>	50.00	SM		
k1-6 ---	M & L for appln of Exterior Emulsion Apex Weatherproof paint on smartwood fibre cement board in 2 coats over base coat of self-priming coat (water&apex)1:1,curing, scaffolding etc. complete. <i>Spec No: S-K-5 & 11</i>	303.50	SM		
K1-7 ---	M & L for appln of Sandtex-matt cement paint in 2 coats over base coat of cement paint,curing,scaffolding etc. <i>Spec No: S-K-8</i>	-----	SM		Rate only
Total of Section (k1) c/fd to Summary.....					

Employer

contractor

PREAMBLE TO SCHEDULE 'L'LABOUR RATES

1. The rates shall be quoted keeping in view the present rules and regulations such as the ESIS, PF and other laws presently applicable and relevant for the proposed work.
2. The contractors shall maintain proper record of the persons employed from time and he shall be responsible for their welfare and injury in the event of any accident on the work site. He shall indemnify the owners in every way and for this purpose he shall avail himself of the insurance cover under the Worker's Compensation Act at all times, till completion of the entire work.
3. The contractors shall make appropriate arrangement on site for first aid measures and also afford full access to articles for protection such as helmets, gloves, safety ropes, shoes etc. etc.

MODE OF MEASUREMENT

STEEL WORK

DOORS/WINDOWS : *AREA OF ELEVATION* (incl. weld bars, fixtures)
INSIDE.

TRUSSES, COLUMNS ETC. *OF ONE SIDE*
 FAB. RAILINGS/GRILLES : *OF ONE SIDE*

PIPES/GIRDERS/SMALLARTICLES : *AREA OF GIRTH*

WOODEN DOORS/WINDOWS : *Area in elevation (A Side)*
 With frame etc. *x 2-1/4 TIMES LESS AREA OF GLASS*
OVER 0.3 SQ. M.

HANDRAILS/POSTS ETC. & SMALL ARTICLES : *GIRTH X Ht. OR LENGTH.*

CONTRACTORS

SECTION (I) :- LABOUR RATES

(The rates shall be utilized only for determining non tendered items)

'Note:- Refer to Clause (5) Of Essence of Contract

M :- Stands for Adult Male.

F :- Stands for Adult Female.

Type of Labour		Wages - Rs\Day (FIGURES) (WORDS)	
I1	Unskilled Workers:-		
	a) M		
	b) F		
I2	Skilled Workers:-		
	a) MASON :-		
	i) Erection of Walls		
	ii) Plastering		
	iii) Pointing		
	b) CARPENTER :-		
	i) Woodwork (Doors, windows with any type of shutters).		
	ii) Helper		
	iii) Partitions, cupboards, shutters and the like of the furniture items.		
	c) PLUMBER :-		
	i) Skilled Workers		
	ii) Helper		
	d) FABRICATOR :-		
	i) Welder and Assembler		
	ii) Helper incl. erectors		
	e) PAVER :-		
	i) Skilled mason		
	ii) Helper		
TOTAL OF SECTION (I) C/FD TO SUMMARY.....			

Employer

contractor

SECTION "T" – ROOF COVERING

Notes :-

1. Supply only of waterproofing compound treatment shall be included in rates and ROFF/MC BAUCEMIE or other approved product shall be used with due precaution and in proper proportion.
2. All rain water pipes shall be measured in running meter. The length measured shall include centerline running lengths of the pipe fittings also. No other separate payments shall be made for C. K. fittings like offsets, bends, branches, heads, shoes. The rate quoted for the pipes shall also deemed to be inclusive of providing access door to fittings where directed by Architects/owner.
3. Rates for rainwater pipes shall be common for pipes with or without ears.
4. Waterproofing treatment of roof shall be got done through specialist agency with a guarantee of leak-proof performance for seven years. The treatment may be done by the main contractor. In both the cases, the guarantee of leak-proof performance shall be given by the main contractor only. A part (5 %) of payment shall be retained for one year for the performance of work and all rectification, making good if required after one year. Rate incl. provision of chicken-wiremesh backing on coba top, covering, forming surface drain-channels.
5. The guarantee shall include leak-proof performance of joints with and in rainwater pipe/fittings wherever these are concealed in walls and RCC work.
6. All areas/joints waterproofed shall be tested for water tightness. Surface treatment shall be tested by storing water for seven days and pipes (joints to be tested for sufficient water column or head as per ISI standards).

For the waterproofing work in the basement (section 'B' of this schedule) all the relevant stipulations herein shall apply besides, those given specifically. Architect's decision in the event of discrepancy shall be final and binding.

CONTRACTORS

* SECTION (t):- ROOF COVERING :
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Note:- Refer to notes to Schedule 'A', specifications, Preamble & the drawing.

SI.No	Description of Item	Quantity	Unit	Rate(in Figur and Words)	Amount Rs.
t1 ---	M & L for <i>brickbat coba</i> (brick aggregate mixed with CM.(1:4)laid to slopes (80mm thk. avg.) laid to receive immediate treatment of water-proofing plaster. <i>Spec No:S-T-1</i>	339.32	SM		
t2 ---	M & L for 20mm thk. <i>rendering in CM (1:2)</i> with appd. ISI integral water-proofing compound after laying of brickbat coba finished smooth,marked to 45x45cm tile pattern,coving at walls curing,testing etc. <i>Spec No:S-T-2</i>	210.00	SM		
t3 ---	P & A <i>waterproofing treatment of 40mm thk Plaster in C.M. (1:3)</i> with water proofing agent as reqd. with sloped finishing,curing,testing etc.For Chajja, toilets,watertank (floor & dado) etc. <i>Spec No:S-T-5</i>	680.00	SM		
t4	P & L Water-Proofing compound as powder base/emulsion/liquid Viz.Roffe/Bauchemie/Foserock compatible with cement (5% wt.) reqd proportion as specified to obtain "Waterproof" state incorporating in any of the items,as specified.(IS2645+9103/1999) <i>Spec No: 'DO'</i>	635.00	Kg.		
t4a ---	M & L P.V.C.RWP 150mm-(S13592) Appd.make with accessories, bends/T/Shoe/bend etc.(IS14735/1999) Fixing with Saddles, jointed in specified solution complete.(incl.horizontal run) testig joints etc.(Supreme Ind./Finolex/JainIrr.)Complete <i>Spec No:S-T-1</i>	40.00	RM		
t4b ---	-do- but 100mm dia. rest as above item.(from17.30Lvl) <i>Spec No:S-T-1</i>	60.00	RM		
t4c ---	-do- but 75mm dia. rest as above item no.4a <i>Spec No:S-T-1</i>	4.00	RM		
t5 ---	P & F 40mm dia. G.I. spouts,230mm projections incl. necessary holes & making good surface etc. complete. <i>Spec No:S-T-1</i>	20.00	RM		
PAGE TOTAL C/FD.....					

Employer

contractor

SI.No	Description of Item	Quantity	Unit	Rate(in Figui and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
t6 ---	M & L for covering the horizontal expansion joint occurring in bldg.by lead sheet 300mm wide X 1.5mm thk. overlooked stripes on either side of expansion joint & jointed to form 40mm wide overlook. <i>Spec No:S-T-6</i>	-----	RM		Not Reqd.
t7 ---	M & L for cutting grooves in walls 75X65mm & shaping horizontal face of groove with CM(1:3)for fixing flashing sheets etc. <i>Spec No:S-T-1</i>	10.00	RM		
t8 ---	S & F C.I.150mm 0 R.W.P. spigot socketed,joints in CM(1:4)with/with- out ears incl. <i>Spec No:S-T-1</i>	-----	RM		RATE ONLY
t9 ---	- do - but for 100mm 0 bore C.I. R.W.P. <i>Spec No:S-T-1</i>		RM		RATE ONLY
t10 ---	S & F PVC Gratings on Outlwets of reqd .dia. as shown on drawaings on RWP inlet points as directed compl. <i>Spec No:S-T-1</i>	6.00	NO		
t11 ---	S & F GI Flenge sleeve for Outlets of reqd . dia. as shown on drawings on RWP inlet points as directed complete <i>Spec No:</i>	6.00	NO		
TOTAL OF SECTION (t) C/FD TO SUMMARY.....					

Employer

contractor

* SECTION (s):- SUPPLEMENTARY :
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Note:- Refer to notes to Schedule 'A', specifications, Preamble & the drawing.

SI.No	Description of Item	Quantity	Unit	Rate(in Figui and Words)	Amount Rs.
s1	Providing preconstructional antitermite treatment as per ISI 6313(II)treatment by treating the backfill immediate contact with foundation @ the rate of 5ltrs.of emulsion of 5% of Clorophyriphos/ Hepoclore per Sqm.of vertical surface area concerning 10yrs.guarantee etc. Spec No: S24 Page No:	467.50	SM		
s2	Providing preconstructional antitermite treatment as per ISI 6313(II)treatment by treating the top surface of plinth filling at the rate of 5 Ltrs. of emulsion of 5% of Aldrin per square meter surface area covering ten year guarantee. Spec No: S24 Page No:	438.00	SM		
S3	P & F on external cladding board (merino armour or alike brand)surface Prelaminated , (8mm thk.)uv resistant pu coating revated ,over the Alu. (50X40x2mm) Studs @600mm c/c cut to reqd. shape Wood matt finish, Smartwood Boards with concealed screws in inter locked closed joints with sealant (cement jointing compound) to line/level and shape as/drgs.	261.01	SM		
S4	P& F on external column surface Cladding of SS sheet over 20X20X20 channel ring anchored to RC Work and cut to reqd. panels size (900 in height), joints sealed to line/level and shape as/drgs. complete	40.50	SM		Rate only
S5	P&F 4 mm Aluminum composite panel of Alstone / Aludecor make for Round Column in panels appox 1200 height fixed over stud made from 38x19x2mm Aluminum channel & 25X2 ring (185 mm Vertical & 600 mm Horizontal C/C Aluminium grid) fixed with clears & fastners including sealing the joints with baker rod and silicon sealent including all taxes Spc. as directed by Architect etc. Complete. (Silver matt finish panels)	24.48	SM		Rate only
S6	P& F on external free standing round column surface at base, Cladding of natural Granite stone best quality any colour,cut in strips (225X 19 mm thk) mitered for perfect geometric polygon as required for jointeess appearance, set in CM (1:3) backing and white cement float (with matching colours). Joints sealed with araldite, cleaning, hardpolishing etc. in reqd. size and height as/drgs. Complete	12.24	SM		
S6.1	-Do- Do- but for edging strip (40 X19mmm) match with granite stone cladding panels with rounded edge etc. Including edges to be hand polishing and rounding of corners.complete	9.90	Rmt		

TOTAL OF SECTION (s) C/FD TO SUMMARY.....
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Employer

contractor

* SECTION (v):- SPECIALISED ITEMS FOR BANK-VAULT

Note:-Refer to notes to Schedule 'A', specifications, Preambles to Section A to T & the drawings

2) All concrete Machine mixed in weigh Batchers & vibrator compacted. (Unless otherwise stated) RMC may be utilised for items of mass concrete only as indicated subject to compliance on quality issues involved.

3) Reinforcement steel measured & payable separately. Tang Bars incorporated in RCC work

4) Work is likely to involve dewatering subsoil water from trenches/pits and shoring of sides.

SI.No	Description of Item	Quantity	Unit	Rate (in Figure and Words)	Amount Rs.
V1	P & L Dry rubble with hard core of 150 to 230 stones including shuttering, compaction, etc, in lift pits, under steps as required at any depth and level etc. complete incl. removal of subsoil water as and when required complete. <i>Spec No:</i>	11.00	CM		
v2	P and L in situ P.C. C. with OPC 43 Grade M100 grade i.e. (1:3:6) with trap/ granite/ quartzite /gneiss metal under Footings/raft /bedding etc. 150 mm or more at any depth & level incl. diverting/ bailing out water, shuttering, compaction & curing as reqd. <i>Spec No: SB(1)</i>	73.00	CM		
v3	P & L Water-Proofing compound as powder base/ emulsion/ liquid Viz. Rofe/ Bauchemie/ Sikka/ Foserock compatible (0.8% /Kg) with cement in conformity with IS 2645/1975 etc to required proportions etc, as specified condition etc. complete. <i>Spec No: SB(10)</i>	950.00	KG		
v3.1	Waterproofing Cementitious crystallising Treatment to Basement Floor & Walls 2.4 kg/ m² (2 coats) by specialist with a continuous layer of Water proofing material enclosing all structural/non-structural elements (floor/ walls) from underneath Basement Raft and perimeter walls & upto above the ground level as continuous layer above and incl. using patented treatment Water Proofing compounds, the Polymerised Agent IS mark by Sikka (IS 2645, ASTM C 1306-05a) or equivalent MC Bauchemie/ Rofe, systematically, (with a Performance Guarantee on Stamp-paper for Ten year and making good any defect immediately by grouting/ sealing/stopping etc. on intimation given by the Bank in this period free of cost etc. complete all as specified complete as /drawings/instructions.	632.01	SM		
V4	PCC (M500) with RMC for RCC Footings/ Foundations /Strips/columns/walls , at any depth & level formwork of any shape, compaction, dewatering if reqd., curing etc. complete incl. dewatering, shoring etc (subject to compliance conditions) <i>Spec No:</i>	116.09	CM		
PAGE TOTAL C/FD.....					

					62
Sl.No	Description of Item	Quantity	Unit	Rate(in Figur and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
V5	P & L RMC ,For RCC(M500) Raft slab in foundation/ Strips at required depth & level formwork of any shape, compaction, over water proofing layer ,after shoring sides, dewatering as reqd ,incl. Addition of wtr. proofing agent (1% cement) testing curing etc. complete.	67.83	CM		
	<i>Spec No: SC</i>				
V6	Forming of 150mm half-round water drain channel on perimeter of the floor in Raft slab or Floor of basement to reqd. slope as per drawing etc as specified. (LABOUR ONLY)	155.00	RM		
	<i>Spec No:</i>				
V6.1	P & M Sump well (300x300x300mm) in the Basement floor for pump foot valve at ends of Drain channel etc as shown on dwg complete	1.20	SM	Lumpsum	
V7	P and L PCC in (M150) grade floor, 150mm thk, or more for wearing course with patented <u>Tremix</u> system consisting of side rails,skid vibraors,pressure suction matt & mechanical trowel etc.to obtain Hard dense & jointless smooth finish as specified.incl.using cement colour (terracota /buff/green etc.for uniform appearance.	25.50	CM		
	<i>Spec No: SB(5.1)</i>				
v7.1	Labour charges Only :for any concrete flooring, all as descibed hereabove and specified complete incl.curing etc.	170.00	SM		
	<i>Spec No: SB(5.1)</i>				
v9	P & C RMC of (M500) grade for RCC Columns posts integral with walls, with precautions for shrinkage etc. as necessary, with plywood forms to obtain, surface finish smooth uniform fair faced surface etc. Complete	9.44	CM		
	<i>Spec No: SC</i>				
v10	P & C RMC (M500) of trap/ granite /quartzite /gneissmetal for RCC WALL (300 thk) of any thickness,height,at any level as per detailed designs and drawings including (50%)crushed Sand Plywood formwork, compacting for perfect line& levels and curing Testing as specified etc.complete.	50.00	CM		Rate only
	<i>Spec No: SC</i>				
PAGE TOTAL C/FD.....					

Employer

contractor

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
v10.1	-Do- but CC (M300) grade Retaining wall (300thk) and rest as above etc. Complete. <i>Spec No: DO</i>	67.14	CM		
v10.2	-Do- but for Internal RC(150mm) Retaining wall <i>Spec No: DO</i>	18.09	CM		
v11	DO -DO RMC of (M300) grade for RCC Slabs/ Landings /Waist Slabs/ Sloped or Flat as per design & drawings or as directed including form-finish with uniformly level, Plywood forms fair faced surface at any height/ shape etc Testing as specified complete. <i>Spec No: SC(5.to20)</i>	51.50	CM		
v12	M & L for fabrication of Steel reinforcement: Tor 50 Steel(H.T.) round bars 10mm & over cut to lengths, binding to shape as reqd. incl. cranking, bending, spirally or looping, for columns, hooking ends & binding with MS 0.9mm dia steel wire or secured with clips etc for Tor 50 Grade twisted Steel Bars <i>Spec No:- SH(III)-1 TO 18</i>				
v12.1	-do- but for bars H.T. 8mm dia, Tor Steel round bars as reinforcement or Stirrups/ spacers/binders/straight etc. <i>Spec No:- DO</i>	13756	KG		
v12.2	M & L for reinforcement with Deformed or twisted steel bars 12mm dia. or over using **Tor 40 grade H.T.Bars <i>Spec No:- DO</i>	34390	KG		
v12.3	-do- as per No 1 above but for Tor bars 16mm and above in full lengths as reqd. <i>Spec No:- DO</i>	16384	KG		
v12.4	-do- as per No1 above but for Tor bars 20mm in full lengths as per design reqd. <i>Spec No:- DO</i>	18509	KG		
v14	P & F steel Angles(ISA2525) for edging of concrete floors etc.with holdfasts bars (120 Tor X 600mm) prewelded to the angles etc.as directed. complete. <i>Spec No: SB(7)</i>	25.00	KG		
PAGE TOTAL C/FD.....					

Employer

contractor

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
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PAGE TOTAL B/FD.....

- v14.1 P and F steel checked plate for edging of concrete Treads surface etc (6mm) (370X900 mm) plate anchored to the floor etc. as directed, complete.
Spec No:

292.15 KG

- v15 P & F Kera Tiles (300sqx20mm)-heavy duty, high impact,flooring rest as descibed in **section (f)** before complete.(Optional)

154.45 SM

Rate only

- v16 High security Door with monolithic torch and drill resistant cast in situ layerfor burglar resistance,pivot operated,balanced pressure bolts for locking mechanism+ 4 way shooting bolt mechanism.with auto-deadlocking device with Grille (2350 x1400 x 480) fixing only

Provisional sums 3000000.0

NO

2.00

NO

70000.0

- v16.1 Exhaust fan Lbr for fixing only
do-

2.00

NO

25000.0

- v16.2 Air ventilator & cage Lbr for fixing only
do-

5.00

NO

25000.0

TOTAL OF SECTION (V) C/FD TO SUMMARY.....

Employer

contractor

SCHEDULE ASECTION I, II, IIIDRAINAGE, SANITATION, PLUMBING AND WATER SUPPLYNotes :-

1. Unless otherwise specified, the rates for items in this schedule cater for supply of materials and labour for the full and entire completion of works all as specified.
2. All quantities of items given in this schedule are provisional. P & F in this section means "Providing and Fixing"/Laying/Making etc.
3. The description of each item, sub-item in column 2 shall be deemed to include the following words at the end: 'all as specified and shown on drawings'.
4. Cost of any cutting, leaving/forming holes, leaving / making forming chases, etc. on walls floors, ceilings etc. as required and cost making good is included in unit rates, against the respective sections of trades in Schedule 'A' Part I.
5. Probable distribution of various water supply items are indicated on drawings. The distribution shown therein is intended for guidance only and may be varied, where necessary at the discretion of the Architect. The contractors shall not be entitled of the Architect. The contractors shall not be entitled for any claim therefor.
6. All fittings and fixtures shall be from specified manufactures and in conformity with relevant ISI standards and in good working conditions, e. g. (NYCER/HINDUSTAN/PARRY).
7. All the pipelines shall be tested for water tightness of joints for water head of at least 12 M or more G. I. specials shall be 'R' mark an joints shall be sealed with Holdtite. Rates of pipes are for *internal dia* .. Concealed lines(c class) shall be tarred fully and fixed in chases formed. No pipelines, vertical / horizontal, shall be covered unless test is carried out fully, including sanitary fittings connected thereto.
8. Lineout of pipe systems (Drainage) invert levels, chamber positions etc. shall be got approved prior to commencing of the work. All clearance / NOC form local authority will be obtained by contractors. These shall also be tested for water tightness etc.
9. The rates quoted for SWG/Hume pipe, M. H. Chambers and G. I. pipe-lines are inclusive of excavation to required levels, backfilling etc. complete.
10. The rates for concealed G. I. pipeline are inclusive of chasing and covering up the chase with chicken-wire mesh strip and making good by c. m. (1:4) plaster dash 12. Any item involving civil work may be measured and paid under respective section of schedule 'A' unless otherwise mentioned.
11. Only skilled and experienced Plumbers (licenced by Municipality) may be engaged for the work.

CONTRACTORS

Work:- PROPOSED OFFICE BLDG @ MARKET YARD,PUNE.

(BASEMENT FLOOR = 182.00sm.) (GROUND FLOOR =206.00 sm.)(FIRST FLOOR = 357.80sm.)
(SECOND FLOOR = 357.80sm.) (THIRD FLOOR = 298.5sm.) (FOURTH FLR.=65.30SM)

Employer:- CENTRAL BANK OF INDIA .PUNE.

Contractors: M/S

*** SECTION (I,II,III) : DRAINAGE, SANITATION, PLUMBING AND WATER SUPPLY :**

Note:- Refer to notes to Schedule 'A', specifications, Preamble & the drawings.

Sl.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
DRAINAGE WORK					
1	P & L 150mm dia. non-pressure type Hume Pipe, to correct alignment & gradient at any depth, jointing with hemp gasket & R.C.Collar to CM (1:3) incl. excavation upto 2 M.compacting etc. all as specified. <i>Spec no: (I) 1 to 3</i>		RM		Not required
1.1	-do- but for 300mm Ø RC pipe. <i>Spec no: (I) 1 to 3 (for C.D. Work)</i>		RM		Not required
2	Providing joints in CM (1:3) for RC pipes of any diameter properly incl. testing of joint for water tightness curing etc. complete. <i>Spec no: (I) 1 to 3</i>		NO		Not required
3	P & L 150mm dia.PVC Non- pressure type SN8 SDR34 (IS:15328-2003)wall 4.7 mm thk.,Self socketed jointed with solvent cement,cold welding laid to correct alignment & gradient at any depth,excavation upto 2 M,backfilling compacting etc. as specified by mfrs.all complete	56.00	RM		
4	-DO- but for 100mm dia. SDR PVC Pipes Non-pressure type (for storm water) SN8 SDR34 self socketed, jointed with solvent cement of joints with incl excavation backfilling etc. complete. <i>Spec no: (I) 1 to 3</i>	112.50	RM		
5	-DO- but for 200mm dia. SDR PVC Pipes Non-pressure type SN4SDR41 self socketed, jointed with solvent cement of joints with incl excavation backfilling etc. etc. complete.	0.00	RM		Not required
6	P & L 80mm dia.U PVC pressure type (Sch. 80) (ASTMD85) 5.5mm thk (leadfree) threaded solvent cement jointed waste pipe laid to slope & correct alignment under toilet floor connected to down take waste pipe outside with necessary fittings etc.	55.00	RM		
7	Add over for effecting joints for ANY dia. of the PVC drainage pipes using solvent cement from pipe manufacturer for effecting water tight joint as required	26.00	NO		
PAGE TOTAL C/FD.....					

Employer

contractor

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
8	P & F Gully Trap chamber 230x300 mm,in CM (1:4) (excluding GullyTrap 150x100mm,) finished smooth plaster (1:2) sandfaced on outside, bedding in PCC (1:3:6) 100mm thk, hinged cover with frame embeded in PCC (1:2:4) coping 75mm curing, joined to drain pipe as required with excavation backfilling etc Spec no: (I) 4	12.00	NO		
8.1	P & F PVC Gully Trap (150X100mm) only with grating incl. making connection to the waste Water PVC pipe etc. for above Spec no: (I)4	6.00	NO		
9	P & M 230 mm thk BB masonry Inspection Chamber (900x450mm inside) depth upto 1.10m invert depth in CM (1:4) on150 mmthk.soling+ bedding of 150mm thk PCC (1:3:6) with halfround 100mm dia channel & sloped benching on either side & finished with internal smooth plaster(1:3)&externaldashed plaster(1:6) ,Rc coping (M100)etc. as above, (Load bearing capacity: 20 Tones) R.C.C. Cover with frame incl.excavation & backfilling etc. complete as specified. Spec no: (I) 5	1.00	NO		Rate only
9.1	-do- but w/o RC medium duty M.H.cover rest as above item. Spec no: (I) 7	3.00	NO		
9.2	As per item @ 6. above but for(600x450mm) (size inside), with (Load bearing capacity: 20 Tones) R.C.C. Cover with the M. H. upto 750 mm invert depth, complete Spec no: (I) 7	4.00	NO		
9.3	P & M in BB masonry 530mm dia. Round Manhole in CM (1:4) upto1.5 M invert depth with (Load bearing capacity: 20 Tones) R.C.C. Cover set in C.C. coping 150 mm thk incl. widening @ bottom from 750 mm @ top with benching, inner surface with ips finish, C.I. Step Rungs, one coat plaster out side, smooth finished inside etc. Spec no: (I) 8	2.00	NO		
9.4	-do- but Add over for invert depth beyond 1.5 M upto 1.5M depth, Rest as per above item no 6.4 Spec no: (I) 8	1.00	NO		
9.5	-do- but 450 mm wide drain channel Manhole in CM (1:4) upto 0.45 M invert depth (1:4) on bedding of 15cm thk PCC (1:3:6) with 450X 600 R.C.C. grating Cover and sloped benching on either side & finished with smooth plaster etc.complete. a) 600 x 450 mm Covers Spec no: (I) 7	7.20 8.00	Rmt no		
PAGE TOTAL C/FD.....					

Employer

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
9.6	P & F RCC COVER (HEAVY DUTY) for manholes Rectangular or Round incl. frame, of appd. Make with grip handle etc. comp.				
	a) 530 dia. Covers	1.00	NO		
	Spec no: Page no:				
	b) 530 dia. Covers	1.00	NO		
	Spec no: Page no:				
	c) 900 x 450 mm Covers	3.00	NO		
	Spec no: Page no:				
	d) 600 x 450 mm Covers	4.00	NO		
	Spec no: (I) 7				
10	P & C and fixing 600 mm dia. Inspection chamber made up of Polypropylene /polyethylene material Having 315 mm diameter 'inlet(s)/outlets and with eccentric reducers as per requirement to connect 160 mm and 200 mm pipes having thickness of 5 mm and 600 mm in height, with inbuilt shaft achieve the invert depth as per site condition of wall thickness of 5 mm having heavy duty upvc cover , having 'crushed sand bed of 150 mm thick of size 750 mm dia. Including excavation and refilling the sides of chamber by ?sand crushed cushioning 150 mm thickness, connecting all required UPVC fittings with rubber lubricant etc.complete.	1.00	NO		
10.1	-do- but 450 mm dia. Inspection chamber made up of Polypropylene / polyethylene rest as above	4.00	NO		
11	P & F SWG 150 x 150mm dia SEWER TRAP in the dis-connecting chamber incl. setting in CM (1:2) in position, with proper alignment & level, obtaining necessary permission from local authority, paying necessary charges etc. complete				
	Spec no: (I) 9	1.00	NO		
11.1	-do- but 150x250 mm SEWER TRAP.	1.00	NO		Not Req'd.
	Spec no: (I) 9				
12	P & L 150mm dia. C.I. Soil pipe with joints in CM (1:1) with water proofing compound, proper slopes,refilling the excavation with murum, compaction,curing the joints, testing for water tightness etc, complete.	20.00	RM		Rate only
	Spec no: (III) SP 1				
12.1	100mm dia.	8.00	RM		
SANITATION & PLUMBING WORK....					
Note : All the saniary units shall be white/ Ivory/ Gray in colour of make- Kerovit/ Hindustan Italian/Cera etc.					
(W.C.UNITS)					
13	P & F European WC white glazed, Wall hung, P trap 585x360 mm with PVC sheet cover, C. I. brackets, incl, connections of flush pipe and C. I. outlet pipe upto soil pipe etc. complete.	18.00	NO		
	Spec no: (II) - 30.				
13.1	-do- above but for double syphonic EWC (650x350mm). Coloured. Floor mounted.	0.00	NO		
	Spec no: (III) - 30.				
14	P & F 32mm dia.CP brass flushing valve Orient make, duly connected to WC with CP pipe exposed or GI pipe connected & from supply pipe etc. complete.	16.00	NO		
	Spec no: (III) SP 12				
15	P & F Low Level F. R. P. Flush Tank (15 ltrs.)Silm type Commander/Aquaflush make Dual flush with 12 mm				

PVC CP finish inlet pipe, 12mm C. P. stop-cock & C. P.
outlet pipe upto WC,concealed or exposed etc. complete.(partly concealed)
Spec no: (II) - 25.

2.00

NO

Rate only

PAGE TOTAL C/FD.....

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Sl.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
16	P & F first Quality white glazed porcelain IP WC Orissa Pan 625 x 450 mm incl.Glazed P trap making connections,at inlet /outlet ends,laid to proper level etc.etc. Spec no: (II) - 28.	2.00	NO		
17	P & F High level FRP Flush Tank on C.I. painted brackets, 12 mm CP Brass Regin. cock,with alkathene pipe, outlet,jamnut concealed PVC pipe upto WC, pull chain, overflow spout. all connected for 15 ltrs type etc. Spec no: Page no:	2.00	NO		
17.1	P & F 10 ltrs. capacity Commander Make 1st quality (Low Level) flushing Tank with all accessories with 32 mm dia. C.P.L & K or equivalent approved make, regulating cock with 12mm plastic connector pipe with HCP Jamnut comp. incl. overflow if necessary with all accessories etc. Spec no: Page no:	2.00	NO		Rate Only
<u>(URINALS)</u>					
18	P & F white glazed Ceramicware Lip type Urinals (white) (460x360x305mm) of approved quality & fixing at proper levels & with necessary accessories at inlet & outlet complete with 32 0 PVC wastepipe to channel concealed flush pipe etc. Spec no:(II) SP - 24	2.00	NO		not reqd
18.1	-do- but Large, Halfstall type (460x360x305mm) complete with CI brackets and CP spreaders w/w coupling PVC 32 wastepipe concealed etc. complete. Spec no:(II) SP - 24	9.00	NO		
19	P & F High level FRP or PVC Auto-Flush Tank on CI. painted brackets, 12mm CP Brass Regin. cock, with alkathene pipe, outlet ,jamnut pipe upto WC, pull chain,overflow spout. all connected for 10 ltrs type etc. Spec no: Page no:	3.00	NO		
20	S & F Urinals with accessories & fittings, as under vitreous China porcelainware ISI mak, with union for waste pipe of 32 mm white alkathene tube installed on the wall leading to white glazed 50mm raqd.channel CI. automatic flushing cistern 5/10 ltrs.On oil painted brackets incl.12mm GI. oilpainted supply flush pipe for urinal-set, and outlet via C. P. Waste coupling , 32 mm waste pipe upto floor channel platform with squatting plate urinal 600 x 165 mm set in white cement on the raised platform of the urinal with glzd. Tiles incl. 50mm radius, glazed channel laid to slope to P cover complete.				
	a) For a Set of 3 URINALS. Half stall (600x400mm) Spec no:(II) SP - 24	3.00	NO		
	b) Do but for FOR A Set of 2 URINALS. Spec no:(II) SP - 24	2.00	NO		Rate Only
PAGE TOTAL C/FD.....					

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
21	P & F Squatting Plate Urinal only (600x165mm) on (150mm) thk platform of Bk.masonry (arranging in series) to reqd. level & slope with supply inlet from concealed cock located in wall with water supply connections in white cement. Spec no: Page no:		NO		not reqd.
22	P & F Polished coloured Granite Partitions 100x45 cms 25mm thk. with rounded edges & corners, high polish finish on both sides, embedded in & clamped into the wall as shown in the Drgs. (3 sides machine cut & polished). Spec no: Page no:	6.00	NO		
23	P & F (75mm) PVC.Nahni Trap + PVC white colour Grating in floor /WHB outlets with necessary PVC pipe upto THE waste pipe outside leakproof joints in solvent cement etc, complete. Spec no: (III) -SP 5	21.00	NO		
23.1	-do- but for PVC N. Trap 4" (100mm) Dia.+Grating overall set in the floor as required rest a/a complete. Spec no: (III) -SP 5	18.00	NO		
24	P & F Alu. Grating 150mm sq. holes on outlet traps matching floor level complete. Spec no: Page no:	2.00	NO		not reqd.
24.1	-do- but 100mm heavy duty CP.Sq. Grating. Spec no: Page no:	2.00	NO		not reqd.
25	P & F 100mm dia. <i>UPVC Trap 'P' or 'S' with grating</i> locations like urinals etc. making proper joints in CM (1:4) caulked with hemp gasket as per WC trap with rubber connection set in lean concrete connecting with outlet pipe in floor & the half round open channel etc. complete	2.00	NO		not reqd.
26	P & F 50 mm radius first quality Half round Porcelain Channels for forming gutter encasing in 75mm thk PCC (1:3:6) & set in neat cement mortar & finishing the joints with white cement etc. complete. Spec no: Page no: (SINKS & WASHBASINS)	6.00	RM		
27	P & F SS <i>Kitchen Sink (610x450x210mm)</i> with 50mm dia. CP. waste coupling with grating & Cl. brackets firmly fixed with Gl. outlet pipe upto floor trap etc. comp. As required. Spec no: (II) SP - 21	4.00	NO		
PAGE TOTAL C/FD.....					

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Sl.No	Description of Item	Quantity	Unit	Rate(in Figui and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
28	P & F Seamless (1135x510) Stainless Steel Sink (575x380x200mm.) heavy duty with drainboard, vertical flange, waste coupling, stainless steel strainer,32mm Bottle Trap & pipe upto the floor trap setting on brackets or otherwise etc. complete. Spec no: Page no:	1.00	NO		
29	P & F 12mm C.P. (medium grade) wall mounted, 165mm Longbody with Swinging Spouts with accessories /fittings Crown/Stylus head of Jaquar make with washer, making connections etc. complete. for heavy type unit. Spec no: (II) SP - 13	2.00	NO		
30	P & F C. P. 3way Mixer Unit,Jaquar, wall mounted with central spout connected to Upvc & Cpvc pipe in wall etc. comp. (concealed work) incl.all C.P. couplings extension pieces ,upto Shower outlet etc. Spec no: (II) SP - 30	3.00	NO		
31	P & F Single Lever Mixer unit as above of Hansa /Ranotrol/ Jaquar with CP. or Powder Coated finish (with ceramic disk) with all accerries & connections etc.complete with making C. P. coupings\extensions pieces etc. Spec no: Page no:		NO		Not Reqd
32	P & F Std. Oval (570x400) / Square (550x400) Wash Hand Basin <i>under</i> Granite stone Counter with C.P. Pillar cock 15mm dia., Jaquar make CP Waste coupling 32 mmdia. Waste pipe upto the floor trap incl. C.I. brackets, sealing WHB perimeter etc.complete. (<i>Granite top measured seperately Sec.F</i>) Spec no: (II) SP - 17		NO		Not Reqd
33.1	P & F first quality, of any appd. Make White Glazed Wash Basins of (550x400) of appd. pattern & make With:	20.00	NO		
a)	12mm heavyduty CP. Jaquar /Hansa/Penguin/as appd. screwdow 15mm Piller Cock with accessories, fittings etc. Spec no: (III) SP - 13	20.00	NO		
b)	DO- but 12mm heavy CP. Screwdow Angle cock as above with PVC connector tube with C. P. Jamnut. Spec no: (III) SP - 13	20.00	NO		
c)	32mm heavy brass. CP. Waste coupling with CP. brass chain & rubber plug. Spec no: (III) SP - 13	20.00	NO		
d)	32mm CP. brass cast type bottle 'P' trap with CP pipe with wall flange. Spec no: Page no:	20.00	NO		
PAGE TOTAL C/FD.....					

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
33.2	-do- but Pastel coloured W.H.B. Rest all as per item no 28. Spec no: (II) SP - 17	4.00	NO		Not Reqd
34	P & F heavy duty type CI. Brackets fixed into wall as required & painted with white oil paints. Spec no: Page no:	18.00	PAIR		
35	P & F mirror copper backed ,H. T. Parry make, best quality.				
a.	M2 (400 x 550mm)	18.00	NO		
b.	M2 (300 x 450mm)	2.00	NO		
36	P & F SS Towel Rail 20mm x 600 mm with brackets etc. Spec no: (II) SP - 19	20.00	NO		
37	Making hole in polished stone of reqd.shape for installation of wash hand basin incl. Machine cutting edges, polishing etc. Spec no: Page no:	20.00	NO		Rate only
38	P & F brass CP Soap Dish 15 x 15 cm. size, mm with brackets etc. Spec no: (II) SP - 20	16.00	NO		
39	P & F 150mm sq. SS Toilet Paper Holder with brackets etc. Spec no: Page no:	18.00	NO		
40	P & F best quality Tinted Mirror (Kohinoor make) using 5.5 mm glass free from any defects with bevelled edges, mounted on BWP grade plywood & secured with s/s capston headed bolt & framed in s/s 25x25 mm L frame etc etc. (900 x 600mm) Spec no: (II) SP - 19.1	3.00	NO		
WATER SUPPLY.....					
41	P & F sanitary ISI mark fixtures & fittings to sanitary units. All PVC pipes open or concealed will be measured separately for WC pans, basins etc. (Heavy duty). The Valves, Stop cocks, Bib cocks, Taps etc shall be heavy duty type and with all necessary accessories & fittings etc. complete.				
a)	12mm CP. Qr.turn bib cock Spec no: (III) SP - 9 TO 11	1.00	NO		
b)	12mm dia. brass Push Coak CP. finish Spec no: Page no:	2.00	NO		
PAGE TOTAL C/FD.....					

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
c)	P & F Brass C.P. 12mm dia. Bib cock with Crown/ Capstan Head, heavy duty, with CP flange incl. Health Faucet and coil pipe, fittings etc.from Jaquar/ Metro/Peguin or as appd. By Architects. Spec no: (III) SP - 13	18.00	NO		
d)	P & F Brass CP. 12mm dia. Bib cock,Long body with CP Flange, heavy duty, rest all as per above item no. 37c. Spec no: (III) SP - 13	2.00	NO		
e)	38mm dia. heavy duty Brass Wheel Valve,concealed/ exposed on the supply waterline. Spec no: (III) SP - 15	2.00	NO		
f)	P & F C.P.25mm Flush-Cock for W.C.s Spec no: Page no:	2.00	NO		Rate Only
g)	P & F heavy duty Brass 20mm dia. Stop-cock for Upvc waterline etc. complete. Spec no: Page no:	12.00	NO		
h)	P & F 12mm dia G.M. Gate Valve. Spec no: (III) SP - 15	3.00	NO		
i)	-do- but 25mm G.M. Gate Valve Leader make or equivalent with fittings. Spec no: (III) SP - 15	2.00	NO		
j)	-do- but 40mm 0 G.M. Gate Valve. Spec no: Page no:	7.00	NO		
k)	P & F 50mm dia Ball Cock Spec no: (III) SP - 15	2.00	NO		
l)	P & F float valve for over head water tank Spec no:	1.00	NO		Rate only
n)	-do- but 15mm Regulating Cock with PVC tube etc. Spec no: Page no:	2.00	NO		Not required
o)	P & F GI swivel type shower rose CP 70mm dia with all accessories for shower complete, incl. Concealed or exposed, 12 mm dia. CP medium grade stop cock. (Jaquar/ Penguin/ESS make.	3.00	NO		
42	P & F GI water tubes risers on walls with GI strong clamps 40 dia "B" class medium, grade incl. necessary bends tees. reducers, etc. fittings incl. jointing for exposed pipe, oilpainted in 3 coats. Spec no: (III) SP - 8	38.00	RM		
PAGE TOTAL C/FD.....					

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
43	P & F Under ground GI water supply tubes with GI strong clamps "B" class medium, grade incl. necessary bends tees. reducers, etc. fittings incl. jointing for exposed pipe, oilpainted in 3 coats.				
	a) 50mm dia. pipeline Spec no: (III) SP - 7	21.00	RM		
	b) 40 mm dia.pipeline Spec no: (III) SP - 7	45.50	RM		
	c) 32mm dia pipeline	50.00	RM		
	d) 25mm dia pipeline. Spec no: (III) SP - 7	8.00	RM		
	e) 20mm dia pipeline. Spec no: (III) SP - 7	--	RM	--	Not req.
44	P & F U PVC pressure type (Sch. 80) (ASTMD 1785) 5.5mm thk (leadfree) concealed threaded solvent cement jointed, water tubes on walls/ ceiling/ floor, with PVC necessary bends tees. reducers, etc.				
	a) 50mm dia. pipeline Spec no:	4.00	RM		
	b) 38mm dia.pipeline Spec no:	18.00	RM		
	c) 25mm dia pipeline. Spec no:	18.00	RM		
	d) 20mm dia pipeline. Spec no:	56.00	RM		
	e) 12mm dia pipeline.concealed Spec no:	58.00	RM		
44.1	P & F C PVC pipe SDR 13.5 (ASTM D 2846) for hot & cold water supply pipes on walls/ ceiling/ floor, with PVC necessary bends tees. reducers, etc. Complete.				
	a) 20mm dia pipeline. Spec no:	4.50	RM		
	b) 12mm dia pipeline. Spec no:	5.25	RM		
45	P & F Water Pumpset with starter of appd. make fixed properly on RC foundation block with bolts, incl. making necessary footvalve, supply delivery connections, electrical wiring etc. complete (2HP Capacity by Employer free of cost) Spec no: Page no:	3.00	JOB		
PAGE TOTAL C/FD.....					

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
46	P & F Non-Return Valve for the rising main (from pump) at reqd etc.as directed complete 50mm dia (PMC Supply) Spec no: (III) SP - 8	2.00	NO		Rate only
46.1	-do- but 40mm Non Return Valve Spec no: (III) SP - 8 (For Pump supplyline)	2.00	NO		
46.2	P & F Non-Return Valve (25mm) for the rising main at required position etc. as directed complete Spec no: (III) SP - 8	2.00	NO		Rate Only
46.3	-do- but 12mm Non Return Valve Spec no: (III) SP - 8	2.00	NO		Not Req'd.
47	Add over for 'Concealed' U PVC pressure type (Sch. 80) (ASTMD85) (leadfree) threaded solvent cement jointed, on wall with PVC necessary bends tees, reducers, etc. Surface, joints to be pressure tested, covering properly with chicken mesh in CM (1:4) as Spec no:	105.00	RM		
48	P & F in position 4" dia. PVC RW Pipe is self - socketed with an integral groove and the rubber gasket with clamps (MS flats 1"x1/8") by bolting or coach screws as reqd. incl. making connections at highest & lowest ends as reqd. Spec no: (III) SP - 4	64.00	RM		Rate only
(PVC Pipes Branded and conforming to IS :13592)					
49	P & F 100MM dia B class P.V.C.ringfit SWR S/S <u>Soil Pipe</u> (3.2mmthk)with fittings accessories & fixtures like tees,bends,offsets etc. jointing wtr-tight with solvent cement (IS:ASTM-D2564),fixed vertically with PVC. Clamps, making good outlet holes, scaffolding, etc. complete in all respects.(Finolex/Supreme Ind/Prince .make) Spec no: (III) SP - 1 to 4	76.00	RM		
50.1	-Do-do but for 100 mm P. V. C. SWR S/S Waste Water Pipe rest all as per preceding item no 45. complete. Spec no: (I) - 13	40.00	RM		
50.2	P & F 100mm dia P.V.C.ringfit SWR S/S Vent Pipe rest all as item (no.45) above complete.. Spec no: (I) - 13	50.00	RM		
50.3	P & F 75mm dia P.V.C.ringfit SWR S/S Vent Pipe rest all as item (no.45) above complete.. Spec no: (I) - 13	0.00	RM		Not Req'd.
PAGE TOTAL C/FD.....					

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SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
PAGE TOTAL B/FD.....					
51	P & F PVC Vent Cowl s for any size of pipe incl jointing with sealent etc. as reqd. Spec no: Page no:	9.00	No.		
(Fire Fighting Equipments)					
52	Supplying and erecting G.I. pipe above ground of 'C' class ERW of Metersize 50 mm dia with necessary fittings complete as perspecification no.FF-PP	21.00	Rm.		
52.1	Supplying and erecting stainless steel doubleoutlet hydrant valve Eachfitted with necessaryaccessories complete as per specification no.FF VL/HV	1.00	No.		
52.2	Supplying & erecting cast iron double flangebutterfly valve50 mm dia. completeas per specification no. FF-VL/BFV	3.00	No.		
52.3	Supplying and installing wall mounting swinging Hose reel drum Each fitted with 19 mm dia. 30mlong high pressure polypropylene(Polyhose) fitted with necessary accessories complete as perspecification no. FF-FFA/HV	1.00	No.		
53	P & M RW outletChamber (150sqx100mm)in BB 115mm in CM(1:4) finished w.p.plaster(1:2) PVC.Grating heavyduty(white) over RW Outlets for terrace/roof as watertight integral to Wtr.proofing layer etc all as required complete. Spec no: Page no:	6.00	No.		
54	Making openings in RCC members only whenever necessary and so directed by the Architect, making good in PCC (1:2:4) after completion of plumbing work in workmanship manner etc. (For waste pipes) Spec no: Page no:	10.00	No.		
55	Fixing Water Coolers including necessary electrical point,CP inlet Cock and outlet pipe etc. all connections, as required by manufacturer's specifications complete (water cooler provided by Employer free of cost.) Spec no: Page no:	4.00	No.		
56	P & Fixing HDP Tank(dual wall)insulated from appd.manufacturers i.e Sintex & EAP makes, on 200mm high platform,etc. with hinged Cover, overflow, inlets, outlets pipes, float valve etc.of required capacity, installed with 1x40 GM valves (2500ltr unit)x1no) Spec no: Page no:	2500.00	Ltr.		
TOTAL SEC. I,II,III Services C/FD TO SUMMARY					

Employer

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PART IV
PREAMBLE FOR MS
ROADS, SITE DEVELOPMENT AND ALLIED ITEMS

Name of Work:..... Pune of

1. All items of work given in this Schedule are provisional.
2. Unless otherwise specified, rates for items in this Schedule cater for supply of materials, labour and erection of item of work as required as per the specifications. Safety measures shall always be taken during excavation/filling/leveling with area temporarily barricaded and workers are with necessary Helmets/gloves/gear. Boards/Warning lights may be put during nighttime.
3. Due care and attention shall be given to the items of compound walls/fence along the boundaries of the property and the boundary points shall serve as reference points so that the wall / fence remains within the boundary of the premises.
4. Stepping shall be followed in foundations / wall thickness to negotiate incline or the gradient of the ground floor. Specific instructions in this regard shall be obtained before commencement.
5. Comp'd Walls may be built with holes/chases formed during the erection and neither extra payment for cutting holes/chases shall be made nor any deduction for such cavities shall be made. Gates /fence will be erected simultaneously.
6. Stone masonry walls shall be with quoins, headers, bond stones & shall be built up properly as per design. Provision of weep-holes with RCC pipes shall be deemed to be included in the rates and backfilling for retaining walls shall be carried out in (450 mm) layers simultaneously compacted etc as directed.
7. RCC Hume pipes shall conform to ISI specifications and shall be from known and approved manufacturers free from any sort of defects and the rate includes use of necessary collars, gasket-ring etc.
8. Contractors shall be responsible for proper alignment of roads as well as sub divisions of lands or plots and the same shall be got approved before commencement of work. Necessary preparatory work such as surveying, levelling, benchmarks etc. is also included as necessary provision.
9. For all items of road work/paving etc, the thick nesses given are net after compaction. Use of hot mix plant, paver, roller etc. shall be deemed to be provided within quoted rates.
10. No tree, shrub, plants etc. shall be removed unless approved in writing by the Architects/Employers and due care for their preservation shall be exercised.
11. The black-toping may be carried out on completion of bldg. Construction (and the owners reserve right to decide actual scope.) if necessary WBM surface be made good @ beforehand to obtain proper base, no extra cost.

Contractor

SCHEDULE A

Site development work

Note : Refer to notes to Schedule A, specifications, Preamble & the drawing.

Sl.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
a1	Cleaning site of shrubs/bushes etc,surface excavation over areas upto depth of 1.6M(upto road lvl) etc. in soil any type/road surface etc. Incl.removing and dispose excavated material outside the bldg area as directed complete. <i>Spec No: SA(1.1)</i>	201.60	CM		
a2	Excavation for compound wall foundation in earth,soil of all types, sand/ gravel /murum, including removing and dispose excavated material outside the bldg area ramming,shoring pit sides etc.to a uniform line & levels as required complete. <i>Spec No: SA(1.2)</i>	10.35	CM		
a3	Carting away & disposing of excavated stuff and surplus soil from site by truck as directed (only pit measurements measured)-outside away from site at disposal points (appd. By the P.M.C.) <i>Spec No:</i>	52.99	CM		

a4	Spreading & levelling in layers 200mm thk,murum or approved soil for site excavation incl.watering, levelling by heavy machine ramming etc.complete, all as specified. <i>Spec No: SA(6)</i>	304.35	CM		
b1	P and L in situ Plain Cement Concrete with OPC 43 Grade in (1:4:8) of Trap/ granite/ quartzite/ gneiss metal for Column footings and Bedding/ subfloor etc. upto 150 mm thk or more at any depth & level incl. formwork, compaction and curing as specified. <i>Spec No: SB(1)</i>	44.42	CM		
C-1	P & C RCC (M200) Hand auger piles, 230 mm dia				
a)	Labour for piling	22.00	Nos		
b)	Concreting pile	5.00	CM		Not Reqd.
C2	P & C in situ R.C.C.(M200) grade for RCC Columns posts etc.with plywood forms to obtain, surfacefinish smooth uniform fair faced surface and of any shape.(roughning the surface only if to be plastered) complete. <i>Spec No: C(5.to20)</i>	11.43	CM		Not Reqd.

PAGE TOTAL C/FD.....

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	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
Total C/fd.....					
c3	Forming of 150mm half-round water drain in-situ channel on perimeter of the site in CC floor while casting to reqd. slope as per drawing etc as specified. (Labour Only) Spec No:	87.00	RM		
C4	P & C in situ cement concrete mix(M200) (1:1.5:3) for Tie Beams at (-600mm) as per design shape as per details,drawings at any level I & of any height,Rest as per preceding item, complete. Spec No: C(5.to20)	0.66	CM		
c5	P & C in situ concrete(M200) grade for RCC Beams as per design, curved,cantilevered as /design or as directed with form-finish uniformly level, fair faced surface at any height/ shape etc complete. Spec No: C(5.to20)	0.66	CM		
c5.1	P & C in situ concrete.(M200) grade for RCC	1.03	CM		
c6	P & C in situ cement concrete(M200)grade metal for <u>RCC Coving</u> at any level or as directed, rest all as per item(c6),complete. Spec No:	0.31	CM		
d1-1	Providing 2nd class Burnt-brick masonry 230 thk with conventional / I.S.type 'bricks in C.M. (1:6) in Compound wall including striking joints ,rakingout joints watering and scaffolding etc,complete. Spec No:	5.13	CM		
d1-2 ---	P & E 2nd class Burnt-Brick masonry with (230x100x150mm) local bricks in cement mortar (1:6) in 150MM THK. External walls including scaffolding, raking out joints,curing etc complete. Spec No: Spec No: SD (1)-(3)	15.49	CM		
e1.1	P & A Plaster in C.M.(1:4) to Internal surface single coat 12/15mm, when green, application of Neeru (appd.brand) 3 to 4mm thk., finished to a uniform even smooth surface curing, cleaning dropping/stains etc.incl.chicken mesh 300mm on joints complete. Spec No: SE (1)	14.96	SM		
PAGE TOTAL C/FD.....					

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	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
Total C/fd.....					
e2	<i>Rough Cast Plaster</i> externally in two coats to concrete brick or stone masonry surface in all positions with base coat of 12 to 15 mm thk in CM (1:4) and Rough Cast treatment in selected gravel 12 mm set in c.m. (1:3) incl. grooves as per design rest all as above. Complete. Spec No: SE-4	61.06	SM		
e3	Labour for <u>Throating</u> (25x25mm) for coping & the like in cm (1:3) at any level including scaffolding, curing etc. Complete. Spec No: SE-5	23.70	Rmt		
f1	P & F Ceramic tiles 300sq.x6mm/ 600 sq.X8 mm (Matt finish) for flooring/ skirting/ Dado, Jhonson/Orient /Bell/ Spartek make set on CM (1:6) bedding of 40mm thk. & neat cement slurry joints pointed in coloured cement curing etc. Including specers and grooves etc. Spec No: SF (15)	37.46	SM		
f2	P & F Cills/Jambs/Frames for openings/ Tops with natural of Stone 20 mm thickness machine-cut and dressed rounded edging / moulding, & mirror polished, set in CM(1:3) etc.complete for :- Coloured Granite Door Frames (175x40mm) with two Pieces (175x20) +(135x20mm) bonded with araldite as per drg & details incl.rounded edges, notches for tower- bolts/locks/ aldrops etc as reqd.				
a.	Granite 19mm thk. (jambs and frame)	1.55	SM		
b	Granite Stone (cill) Spec No: SF (10)	0.53	SM		
f3	P & F natural Granite stone in Dado, largeslabs, with SS cramps, backing of polymer based readymix mortar by roff/MC Bauchemie, as directed incl. Coloured neat cement based slurry in true line and level in reqd. position, for Dados & Skirting to reqd pattern and shapes etc. as per drawing, curing, cleaning and rest as above.complete. Select coloured Granite Stone slabs from approved source e.g. PRP Exports or similar Spec No: SF (10) -(11)	13.00	SM		
f4	P & L designer Cement Tiles of Eurocon/ Ultra Classic make coloured (487mm sq.x 20mm) any pattern (composed out of smaller tile pieces) etc.as reqd.laid to line and level over the PCC sub floor incl. Pointing the joints with coloured cement curing etc, complete.	296.50	SM		
PAGE TOTAL C/FD.....					

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Description of Item		Quantity	Unit	Rate(in Figur and Words) Amount Rs.
Total C/fd.....				
g1-1 ---	P & F Windows Aluminium Powder coated with Jindal Medium duty sections with frame and shutters TopHung type with fittings and fixtures locking with handles and bolts as reqd. (For types TH2(600x900) as/drgrs	1.26	SM	
b)	-Do- but Fixed Glazing window, in white finish frame, glazed with 6mm clear glass etc. Rest as above, complete as/drawings	1.89	SM	
d)	-Do- but Sliding window with 3 track in white finish, 2 interlocked panels & 1 glass fibremesh incl. 6mm double glazing, locking devices etc.	2.52	SM	
h1	Steel reinforcement: M & L for fabrication with TOR Steel(H.T.) round bars 10mm & over cut to lengths, binding to shape as reqd. incl. cranking, bending, spirally or looping, for columns, hooking ends & binding with MS 0.9mm dia steel wire or secured with clips etc for Tor 40 Grade twisted Steel Bars <i>Spec No:- SH(III)-1 TO 18</i>			
h1.1	-do- but for bars H.T. 8mm dia, Tor Steel round bars as reinforcement or Stirrups/ spacers/binders/straight etc. <i>Spec No:- SH(II)-1 TO 4</i>	274.28	KG	
h1.2	-do- but for M.S. 6mm dia bars as stirrups , spacers, binders/straight etc. <i>Spec No:- SH(II)-1 TO 4</i>	182.85	KG	
h1.3	M & L for reinforcement with Deformed or twisted steel bars 10mm dia. or over using **Tor 40 grade H.T. Bars <i>Spec No:- SH(II)-1 TO 4</i>	457.13	KG	
h2-1	P & F Fabricated steel Gates (as per drgs out of std. Steel sections, tubes channels (RHS/ SHS) (50x50), ISMC etc. in combination or to a pattern with other sections & with guide wheels, hinges, pivots, locking bars as reqd. including a coat of primer and 2 coats of oil-paint etc. including foundations complete. <i>Spec No: Page No:</i>	516.16	KG	
h2-2	P & F Fabricated steel Grill (as per drgs out of std. Steel sections, flats(50X6) , Bar(16X16) etc. in combination or to a pattern with other sections & with guide as reqd. including a coat of primer and 2 coats of oil-paint etc. complete. <i>Spec No: Page No:</i>	1024.66	KG	
PAGE TOTAL C/FD.....				

Employer

contractor

SI.No	Description of Item	Quantity	Unit	Rate(in Figure and Words)	Amount Rs.
Total C/fd.....					
h2-3	P & F Fabricated steel screen (as per drgs out of std. ISA, Bar, Mesh etc.in combination or to a pattern with other sections & with guide as reqd. including a coat of primer and 2coats of oil-paint etc. complete. <i>Spec No: Page No:</i>	1466.81	KG		
h2-4	P & F Steel 'L' Posts ISA (50X50X5) 1.0 m high vertical and with fabricated brackets to reqd. shape as/dwg including grouting the pockets in m 150 concrete. <i>Spec No: Page No:</i>	61.85	KG		
h2-5	Forming pocket (100X100X300mm) including sealing after erect of M 200 concrete for 'L' Post in Plumb concrete wall <i>Spec No: Page No:</i>	20.00	nos		
h2-6	P & F Barbed wire for fencing out of 12G, fixing it property @ 100mm and stretched on L posts @150 mm c/c with sufficient tension incl. U clips and secured etc. <i>Spec No: Page No:</i>	124.50	Rmt		
h2-7	P & F concertina wire strip 25mm X 12G G.I. arranged in coiled from within barbed wirestrands <i>Spec No: Page No:</i>	147.51	Rmt		
k1-1	M & L for white-washing on walls,Ceiling etc. in 2 coats etc.(only where ordered and not as Donga) <i>Spec No: S-K-1</i>	64.80	SM		
k1-2	M & L for primer + 2 coats of: c) M & L for appln of Exterior Emulsion Apex Weatherproof paint in 2 coats over base coat of self-priming coat (water&apex) 1:1,curing, scaffolding etc.complete. d) M & L for Plastic Emulsion primer+ 2 coats on walls,ceiling any shade as specified. <i>Spec No: S-K-8</i>	61.06 14.96	SM SM		
TOTAL SEC. C/FD TO SUMMARY					

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Schedule A : Bill of Quantities.

Note:- To be read with notes to Schedule 'A', the Specifications, Preamble to each section & the drawings.

* PART (V) :- Electrification

	Description of Item	Quantity	Unit	Rate(in Figur and Words)	Amount Rs.
a1	P & L Blank conduites ISI mark (diamond/ Precision) make with accessories & pull box for lt. Point, mains, UPS point, Lan point etc. as per layout during casting. <i>Spec No:</i>	5200.00	Rmt		
a2	P & L 200 X150 X 70/20 mm thk pull box CRCA with power coating and concealed with conduits as per layout. <i>Spec No:</i>	106.00	Nos		
a3	P & L 16 SWG steal wire for wire pulling properly drawn in all embeded conduits, pipes with ends secured properly. <i>Spec No:</i>	600.00	Rmt		

TOTAL SEC. C/FD TO SUMMARY

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**Office building @ plot no. 639, 640 & 641 of Marketyard, Pune
For Central Bank of India, Pune 1**

List of Drawings

WKG 1	Foundation plan
WKG 2	Centreline plan
WKG 3	Basement plan
WKG 4	Ground Floor plan
WKG 5	1st floor & 2nd Floor plan
WKG 6	3rd floor & terrace floor plan
WKG 7	Section NS 1
WKG 8	Section NS 2
WKG 9	Section EW 1
WKG 10	Section EW 2
WKG 11	Section EW 3
WKG 12	Section EW 4
WKG 13	Elevation : North
WKG 14	Elevation : South
WKG 15	Elevation : East
WKG 16	Elevation : West
WKG 17/18	Window & Door Details
WKG 19	Staircase and railing details
WKG 20/21	Pre fab dwg
WKG 22/23	Compound wall dwg
WKG 24	Entrance Gate details
WKG 25	O.H.W.T details
WKG 26	Structural glazing & Cladding details
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Structural Drawings	
WKG 27	Foundation blocks
WKG 28	Basement level
WKG 29	Ground floor level
WKG 30	First floor level
WKG 31	Second floor level
WKG 32	Third floor level
WKG 33	Roof level
WKG 34	Misc Details: RC Staircase etc.
WKG 35	Water Tank, Canopy, Retaining Wall
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SP 1	Drainage Layout
SP 2	Plumbing Details
SP 3	Water Supply lines
SP 4	Water Tanks

Architects

I/We have seen the above drawings while tendering for the work and have submitted our rates accordingly.

Contractor