

## General Information

Bid Parts	2	Tender Category	ITEM RATE
Tender Creator	Mr YOGESH BHALERAO (JUNIOR WORKS MANAGER)	Organization Hierarchy	Directorate of Ordnance (Coordination and Services)->Machine Tool Prototype Factory Ambarnath->Machine Tool Prototype Factory Ambarnath_CW
Tender ID	28831	Tender Reference No.	0503/10/2022- 23/EO/MPF
Item Category	Building Works	Tender Currency	INR
Bidding Currency	INR		
Tender Type	Open Tender Enquiry (OTE)		
Tender Call No.	1	Ranking Sequence	L1 Ranking
Offer Validity(In Days)	90	GeMAR&PTS	NIL
Tender Description	REPAIRS TO STORE SECTION OF MA- 12 AT BUILDING NO. 5 AT MPF AMBERNATH		

Notice Inviting Tender  
(NIT)

Machine Tool Prototype Factory, Ambarnath, Maharashtra (India), A Unit of Armoured Vehicles Nigam Limited (AVNL), A Government of India Enterprise, Ministry of Defence. Invitation of Bids for: REPAIRS TO STORE SECTION OF MA-12 AT BUILDING NO. 5 AT MPF AMBERNATH E-Tender Enquiry (TE) No: 0503/10/2022-23/EO/MPF THE CHIEF GENERAL MANAGER, MACHINE TOOL PROTOTYPE FACTORY, AMBERNATH FOR AND ON BEHALF OF THE PRESIDENT OF INDIA INVITES ONLINE TENDERS THROUGH E-PROCUREMENT PORTAL IN TWO BID SYSTEM (TECHNICAL BID & PRICE BID) . INTERESTED CONTRACTORS / FIRMS FULFILLING THE ELIGIBILITY CRITERIA MENTIONED IN THE TENDER DOCUMENT MAY SUBMIT ONLINE / e-OFFER ALONG WITH EMD IN THE FORM OF FDR/DD/BANKERS CHEQUE/BG DRAWN IN FAVOUR OF "THE CHIEF GENERAL MANAGER, MACHINE TOOL PROTOTYPE FACTORY, AMBARNATH' . THE EMD IN REQUISITE FORM SHALL BE SUBMITTED TO ENGG OFFICE / MTPF AMBERNATH ON OR BEFORE BID SUBMISSION CLOSING DATE & TIME AS MENTIONED IN THE TENDER. THE DETAILS OF THE TENDER SUCH AS QUALIFYING REQUIREMENTS, TERMS & CONDITIONS, DESCRIPTION OF ITEM (IF ANY) SCOPE OF WORK (IF ANY) DRAWING (IF ANY) ARE ALSO ATTACHED WITH THE E-TENDER AND AVAILABLE ON WEB SITE <https://eprocure-ofb.gov.in/EPsv2WEB/> CONTRACTORS/FIRMS QUOTING FOR THE TENDER ARE REQUESTED TO GO THROUGH THE DOCUMENT TENDER CHECKLIST AND CONFIRM SUBMISSION OF ALL REQUIRED DOCUMENTS AS PER CHECKLIST BEFORE SUBMITTING THE TENDER QUOTE. THE APPROXIMATE TIME REQUIRED FOR COMPLETION OF THE WORK AFTER PLACEMENT OF WORK ORDER IS 60 DAYS. NOTE (I): ALL CORRIGENDUMS WILL BE UPLOADED AND AVAILABLE ONLY ON WEB SITE <https://eprocure-ofb.gov.in/EPsv2WEB/> NOTE (II): THE FIRMS INTERESTED TO PARTICIPATE IN ABOVE TENDER ENQUIRY ARE ADVISED TO SUBMIT THEIR BIDS WELL IN ADVANCE BEFORE THE CLOSING DATE & TIME TO AVOID LAST MINUTE TECHNICAL FAILURE. COMPLAINTS IN THIS REGARD WILL NOT BE ENTERTAINED. NOTE(III): VENDOR ENROLLMENT PROCESS IS A MANDATORY REQUIREMENT TO PARTICIPATE IN THIS TENDER ENQUIRY. FOR VENDOR ENROLLMENT FIRM SHOULD OBTAIN CLASS III DIGITAL SIGNATURE CERTIFICATE (DSC WITH SIGNING & ENCRYPTION) FROM ANY OF THE LICENSED CERTIFYING AUTHORITIES. NOTE(IV): FIRMS ARE REQUESTED TO SUBMIT THEIR OFFER THROUGH OFB WEBSITE

	ofb.gov.in/EPsv2WEB/ OFFLINE BIDS ARE NOT ACCEPTABLE -Sd/- FOR ACCEPTING OFFICER MACHINE TOOL PROTOTYPE FACTORY AMBERNATH
Reasons for not taking item through GeM by Factory	Civil work not included in GeM as on date.
Tender Publish Date	Dec 7, 2022
Is rate contract applicable?	No

## EMD/Tender Fee

Payment Type	Amount	Payment Mode	Payment Currency	Exemption Allowed/Disallo wed	Supporting Document Name
EMD	28620	Account Payee Demand Draft,Fixed Deposit Receipt (FDR),Banker's Cheque,Bank Guarantee,Acc ount Payee Demand Draft,Fixed Deposit Receipt (FDR),Banker's Cheque,Bank Guarantee	INR	N	

**Payment Type**

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**Amount**

28620

**Payment Mode**

Account Payee Demand Draft,Fixed Deposit Receipt (FDR),Banker's Cheque,Bank Guarantee,Account Payee Demand Draft,Fixed Deposit Receipt (FDR),Banker's Cheque,Bank Guarantee

**Payment Currency**

INR

**Exemption Allowed/Disallowed**

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**Supporting Document Name**

**Tender Schedule**

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09-12-2022 05:30 PM

Bid Submission Closing Date and Time

23-12-2022 05:30 PM

Tender Opening Date and Time

28-12-2022 02:30 PM

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Pre-Bid Discussion Type

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Pre-Bid Meeting Start Date

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Venue Details

Remarks

## Tender Attachment

Label	File Name	Attach File
SAFETY INSTRUCTIONS	INSTRUCTION WHILE WORKING AT HEIGHT PROCEDURE 2020.pdf	INSTRUCTION WHILE WORKING AT HEIGHT PROCEDURE 2020.pdf

SAFETY INSTRUCTIONS WHILE CARRYING OUT ELECTRICAL WORKS	INSTRUCTION WHILE CARRYING OUT ELECTRICAL WORK.pdf	INSTRUCTION WHILE CARRYING OUT ELECTRICAL WORK.pdf
INSTRUCTIONS TO THE BIDDERS	INSTRUCTION TO BIDDERS AVNL.pdf	INSTRUCTION TO BIDDERS AVNL.pdf
GENERAL & SPECIAL CONDITIONS OF CONTRACT	GENERAL AND SPECIAL CONDITIONS OF CONTRACT AVNL.pdf	GENERAL AND SPECIAL CONDITIONS OF CONTRACT AVNL.pdf
TENDER DOCUMENT FOR E PROCUREMENT	Tender Document for e-procurement _AVNL_ Updated.pdf	Tender Document for e-procurement _AVNL_ Updated.pdf

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**Attach File**

INSTRUCTION TO BIDDERS AVNL.pdf

**Label**

GENERAL & SPECIAL CONDITIONS OF CONTRACT

**File Name**

GENERAL AND SPECIAL CONDITIONS OF CONTRACT AVNL.pdf

**Attach File**

GENERAL AND SPECIAL CONDITIONS OF CONTRACT AVNL.pdf

**Label**

TENDER DOCUMENT FOR E PROCUREMENT

**File Name**

Tender Document for e-procurement \_AVNL\_ Updated.pdf

**Attach File**

Tender Document for e-procurement \_AVNL\_ Updated.pdf

**Vendor Attachment**

Supporting Document	Mandatory	Allow Exemption	Attachment Group	Evaluation Type
AVERAGE ANNUAL TURNOVER FOR LAST THREE FINANCIAL YEARS	Y	N	Financial	BidPart1
COPIES OF IT RETURNS FOR LAST THREE FINANCIAL YEARS	Y	N	Financial	BidPart1
PAN CARD	Y	N	Others	BidPart1
GST CERTIFICATE	Y	N	Others	BidPart1
SIMILAR WORK EXPERIENCE CERTIFICATE DURING LAST SEVEN YEARS	Y	N	Experiences	BidPart1
EMD AS APPLICABLE	Y	N	Others	BidPart1

**Supporting Document**

AVERAGE ANNUAL TURNOVER FOR LAST THREE FINANCIAL YEARS

**Mandatory**

Y

**Allow Exemption**

N

**Attachment Group**

Financial

**Evaluation Type**

BidPart1

**Supporting Document**

COPIES OF IT RETURNS FOR LAST THREE FINANCIAL YEARS

**Mandatory**

Y

**Allow Exemption**

N

**Attachment Group**

Financial

**Evaluation Type**

BidPart1

**Supporting Document**

PAN CARD

**Mandatory**

Y

**Allow Exemption**

N

**Attachment Group**

Others

**Evaluation Type**

BidPart1

**Supporting Document**

GST CERTIFICATE

**Mandatory**

Y

**Allow Exemption**

N

**Attachment Group**

Others

**Evaluation Type**

BidPart1

**Supporting Document**

SIMILAR WORK EXPERIENCE CERTIFICATE DURING LAST SEVEN YEARS

**Mandatory**

Y

**Allow Exemption**

N

**Attachment Group**

Experiences

**Evaluation Type**

BidPart1

**Supporting Document**

EMD AS APPLICABLE

**Mandatory**

Y

**Allow Exemption**

N

**Attachment Group**

Others

**Evaluation Type**

BidPart1

**Part I : Instruction to Tenderers**

Clause No	Clause	Sub Clause	Description
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1	1	1	<p>Bidder(s) must submit Earnest Money Deposit (EMD) as indicated In the invitation of Tender. Original EMD must reach to Engineering Office(CIVIL)/MTPF physically as mentioned in Notice of Tender in sealed envelope super-scribing the EMD, Tender Enquiry No and Date of opening of tender on the covers. Non submission of EMD will be treated as non bonafide &amp; will not be considered for acceptance as their tender is treated as Disqualified.</p>
2	2	2	<p>All scanned copies of supporting documents should be Self Attested.</p>
3	3	3	<p>The Price Bid will be opened for those who meet the eligibility requirement as mentioned in Eligibility Criteria and furnish the relevant documentary evidence.</p>

4	4	4	<p>The tenderer shall carefully check the specifications and drawings or shall visit site for assessment of works to be carried out and shall satisfy himself of the suitability of the work being offered and shall take full responsibility for the successfully completion of the work within PDC .</p>
5	5	5	<p>The offer should confirm to technical specification and General &amp; Special Conditions of contract, Standard Conditions of Contract, Scope of work etc.</p>
6	6	6	<p>The tenderer shall inspect the site if considered necessary and shall satisfy himself of site conditions and shall collect for himself any other information which he may require before submitting the tender. Claims and objections due to ignorance of site conditions will not be considered after submission of the tender.</p>

7	7	7	Contractors registered with MTPF/Sister Factories/MES Appropriate class have to attach/ submit documents in support as following:
7	7	i	Valid copy of registration certificate with MTPF/Sister Factory/MES/CPWD/PWD/PSU's
7	7	ii	Average annual turnover: For Annual Turnover Detail, Annual turnover certificate from CA / Income Tax Deduction at source (TDS) Certificates issued by employer in support of annual turnover during past 3(Three) Financial years to be submitted.
7	7	iii	Experience: For Experience, Details of works executed in support of above mentioned eligibility criteria, to be enclosed. For this, work orders and works completion certificates of satisfactory performance issued from appropriate authority to be enclosed (Self attested copies).

7	7	iv	Goods and Services Tax Identification Number (GSTIN) (Self attested copies).
8	8	8	All other contractors not Registered with Ordnance Factory or any other Govt. Department/PSU/MES/PWD/CPWD have to attach/submit documents in support as following:
8	8	i	EMD as per Para (1) above
8	8	ii	Constitutional status of firm: whether the firm is sole proprietorship concern/partnership concern/Pvt. Ltd. /Limited Company. Enclose copy of affidavit/ partnership deed/Memorandum and Article of Association.
8	8	iii	Average annual turnover: For Annual Turnover Detail, Annual turnover certificate from CA / Income Tax Deduction at source (TDS) Certificates issued by employer in support of annual turnover during past 03 (Three) Financial years to be submitted.

8	8	iv	<p>Experience: For Experience, Details of similar works executed in support of above mentioned eligibility criteria, to be enclosed. For this, work orders and works completion certificates of satisfactory performance issued from appropriate authority to be enclosed (Self attested copies).</p>
8	8	v	<p>Goods and Services Tax Identification Number (GSTIN) (Self attested copies).</p>
9	9	i	<p>Time is the essence of this contract. Hence contractor quoting will have to strictly adhere to the date of completion.</p>

10	10	i	<p>The Lowest quoted firm will have to submit the Security Deposit as notified by CGM/GM/MTPF in the form of Demand draft, Bankers cheque, fixed deposit receipt and Bank Guarantee in the name of CGM/GM/MTPF within 30 days of receipt by him of notification of acceptance of his tender. The validity of Security Deposit shall be such that it covers the defects liability period plus two months. Security Deposit will be refunded on completion of contract after completion of defects liability period and furnishing no demand certificate by EiC for CGM/GM/MTPF. The Security Deposit will be forfeited in the event of breach of contract by the contractor.</p>
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11	11	i	<p>All clauses &amp; sub-clauses mentioned in this Tender shall be applicable in to any Work Order</p> <p>/Acceptance Letter that is placed as a result of this tender. In case of contradiction, the terms of the Work Order /Acceptance Letter will prevail over the clauses &amp; sub-clauses of the TE.</p>
12	12	i	<p>Technical Rule for Tenderers : In the event of an order being placed on vendor in pursuance of this invitation to Tenders, the same will be governed by the General Conditions of Contract IAFW-2249 Military Engineer Services) with latest amendments.</p>
13	13	i	<p>Tenders shall be submitted "ONLINE" through electronic media (e- Tender)</p>
14	14	i	<p>The period of validity of tender shall be 90 days from the date of opening of the tender and the tender and the prices quoted shall be deemed to remain valid for this period.</p>

15	15	i	<p>Tender is liable to be ignored if complete information is not given therein or if the particulars and data (if any) asked for in the Schedule to the tender, are not fully filled in. Special attention must be paid to the "Time of Completion" and also to the General and Special Conditions of the Contract on Form No. IAFW 2249 with latest amendments and those contained in this booklet as the Contract shall be governed by them.</p>
16	16	i	<p>Signing of Tender: Individual signing the tender or other documents connected with a contract must specify whether he signs as:</p>
16	16	ii	<p>Sole Proprietor' of the firm or constituted attorney of such Sole Proprietor</p>

16	16	iii	A partner of the firm, if it be a partnership, in which case he must have authority to quote & to refer to arbitration dispute concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney.
16	16	iv	Constituted attorney of the firm if it is a company.
16	16	v	In case of PARTNER, a copy of the partnership agreement or general power of attorney, in either, case, attested by a Notary Public should be furnished or affidavit on stamped paper of all the partners admitting execution of the partnership agreement or the general power of attorney should be furnished.

16	16	vi	<p>In case of the partnership firms, where no authority to refer disputes concerning the business of the partnership has been conferred on any partner, the tender and all other related documents must be signed by every partner of the firm.</p>
16	16	vii	<p>A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrantee that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all costs and damages.</p>

17	17	i	<p>The purchaser reserves his right to accept partly or reject any offer without assigning any reason thereof. The purchaser does not pledge itself to accept the lowest or any tender and reserves to itself the right of acceptance the whole or any part of the tender or portion of the quantity offered and the tenderer shall supply the same at the rate quoted. Tenderer is at liberty to tender for the whole or any portion or to state in the tender that the rate quoted shall apply only if the entire quantity is taken from him.</p>
18	18	i	<p>Incomplete quotations or Conditional quotations will not be considered and will be rejected &amp; ignored.</p>
19	19	i	<p>EVALUATION OF ELIGIBILITY BIDS:  Evaluation of Eligibility Bids will involve selection of Eligible Bidders by checking their submitted documents/ Credentials by Civil Works Committee (CWC).</p>

20	20	i	EVALUATION OF PRICE BIDS OF ELIGIBLE BIDDERS: Evaluation of price bids of eligible bidders will involve preparation of Comparative statement of Tender (CST) based on their quoted rates.
21	21	i	There will be no negotiation if price quoted is considered reasonable else negotiation will be held only with the lowest bidder i.e. L1 (AS DECIDED BY CIVIL WORKS COMMITTEE)

**Clause No**

1

**Clause**

1

**Sub Clause**

1

**Description**

Bidder(s) must submit Earnest Money Deposit (EMD) as indicated In the invitation of Tender. Original EMD must reach to Engineering Office(CIVIL)/MTPF physically as mentioned in Notice of Tender in sealed envelope super-scribing the EMD, Tender Enquiry No and Date of opening of tender on the covers. Non submission of EMD will be treated as non bonafide & will not be considered for acceptance as their tender is treated as Disqualified.

**Clause No**

2

**Clause**

2

**Sub Clause**

2

**Description**

All scanned copies of supporting documents should be Self Attested.

**Clause No**

3

**Clause**

3

**Sub Clause**

3

**Description**

The Price Bid will be opened for those who meet the eligibility requirement as mentioned in Eligibility Criteria and furnish the relevant documentary evidence.

**Clause No**

4

**Clause**

4

**Sub Clause**

4

**Description**

The tenderer shall carefully check the specifications and drawings or shall visit site for assessment of works to be carried out and shall satisfy himself of the suitability of the work being offered and shall take full responsibility for the successfully completion of the work within PDC .

**Clause No**

5

**Clause**

5

**Sub Clause**

5

**Description**

The offer should confirm to technical specification and General & Special Conditions of contract, Standard Conditions of Contract, Scope of work etc.

**Clause No**

6

**Clause**

6

**Sub Clause**

6

**Description**

The tenderer shall inspect the site if considered necessary and shall satisfy himself of site conditions and shall collect for himself any other information which he may require before submitting the tender. Claims and objections due to ignorance of site conditions will not be considered after submission of the tender.

**Clause No**

7

**Clause**

7

**Sub Clause**

7

**Description**

Contractors registered with MTPF/Sister Factories/MES Appropriate class have to attach/ submit documents in support as following:

**Clause No**

7

**Clause**

7

**Sub Clause**

i

**Description**

Valid copy of registration certificate with MTPF/Sister Factory/MES/CPWD/PWD/PSU's

**Clause No**

7

**Clause**

7

**Sub Clause**

ii

**Description**

Average annual turnover: For Annual Turnover Detail, Annual turnover certificate from CA / Income Tax Deduction at source (TDS) Certificates issued by employer in support of annual turnover during past 3(Three) Financial years to be submitted.

**Clause No**

7

**Clause**

7

**Sub Clause**

iii

**Description**

Experience: For Experience, Details of works executed in support of above mentioned eligibility criteria, to be enclosed. For this, work orders and works completion certificates of satisfactory performance issued from appropriate authority to be enclosed (Self attested copies).

**Clause No**

7

**Clause**

7

**Sub Clause**

iv

**Description**

Goods and Services Tax Identification Number (GSTIN) (Self attested copies).

**Clause No**

8

**Clause**

8

**Sub Clause**

8

**Description**

All other contractors not Registered with Ordnance Factory or any other Govt.  
Department/PSU/MES/PWD/CPWD have to attach/submit documents in support as following:

**Clause No**

8

**Clause**

8

**Sub Clause**

i

**Description**

EMD as per Para (1) above

**Clause No**

8

**Clause**

8

**Sub Clause**

ii

**Description**

Constitutional status of firm: whether the firm is sole proprietorship concern/partnership concern/Pvt. Ltd. /Limited Company. Enclose copy of affidavit/ partnership deed/Memorandum and Article of Association.

**Clause No**

8

**Clause**

8

**Sub Clause**

iii

**Description**

Average annual turnover: For Annual Turnover Detail, Annual turnover certificate from CA / Income Tax Deduction at source (TDS) Certificates issued by employer in support of annual turnover during past 03 (Three) Financial years to be submitted.

**Clause No**

8

**Clause**

8

**Sub Clause**

iv

**Description**

Experience: For Experience, Details of similar works executed in support of above mentioned eligibility criteria, to be enclosed. For this, work orders and works completion certificates of satisfactory performance issued from appropriate authority to be enclosed (Self attested copies).

**Clause No**

8

**Clause**

8

**Sub Clause**

v

**Description**

Goods and Services Tax Identification Number (GSTIN) (Self attested copies).

**Clause No**

9

**Clause**

9

**Sub Clause**

i

**Description**

Time is the essence of this contract. Hence contractor quoting will have to strictly adhere to the date of completion.

**Clause No**

10

**Clause**

10

**Sub Clause**

i

**Description**

The Lowest quoted firm will have to submit the Security Deposit as notified by CGM/GM/MTPF in the form of Demand draft, Bankers cheque, fixed deposit receipt and Bank Guarantee in the name of CGM/GM/MTPF within 30 days of receipt by him of notification of acceptance of his tender. The validity of Security Deposit shall be such that it covers the defects liability period plus two months. Security Deposit will be refunded on completion of contract after completion of defects liability period and furnishing no demand certificate by EiC for CGM/GM/MTPF. The Security Deposit will be forfeited in the event of breach of contract by the contractor.

**Clause No**

11

**Clause**

11

**Sub Clause**

i

**Description**

All clauses & sub-clauses mentioned in this Tender shall be applicable in to any Work Order /Acceptance Letter that is placed as a result of this tender. In case of contradiction, the terms of the Work Order /Acceptance Letter will prevail over the clauses & sub-clauses of the TE.

**Clause No**

12

**Clause**

12

**Sub Clause**

i

**Description**

Technical Rule for Tenderers : In the event of an order being placed on vendor in pursuance of this invitation to Tenders, the same will be governed by the General Conditions of Contract IAFW-2249 Military Engineer Services) with latest amendments.

**Clause No**

13

**Clause**

13

**Sub Clause**

i

**Description**

Tenders shall be submitted "ONLINE" through electronic media (e- Tender)

**Clause No**

14

**Clause**

14

**Sub Clause**

i

**Description**

The period of validity of tender shall be 90 days from the date of opening of the tender and the tender and the prices quoted shall be deemed to remain valid for this period.

**Clause No**

15

**Clause**

15

**Sub Clause**

i

**Description**

Tender is liable to be ignored if complete information is not given therein or if the particulars and data (if any) asked for in the Schedule to the tender, are not fully filled in. Special attention must be paid to the "Time of Completion" and also to the General and Special Conditions of the Contract on Form No. IAFW 2249 with latest amendments and those contained in this booklet as the Contract shall be governed by them.

**Clause No**

16

**Clause**

16

**Sub Clause**

i

**Description**

Signing of Tender: Individual signing the tender or other documents connected with a contract must specify whether he signs as:

**Clause No**

16

**Clause**

16

**Sub Clause**

ii

**Description**

Sole Proprietor' of the firm or constituted attorney of such Sole Proprietor

**Clause No**

16

**Clause**

16

**Sub Clause**

iii

**Description**

A partner of the firm, if it be a partnership, in which case he must have authority to quote & to refer to arbitration dispute concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney.

**Clause No**

16

**Clause**

16

**Sub Clause**

iv

**Description**

Constituted attorney of the firm if it is a company.

**Clause No**

16

**Clause**

16

**Sub Clause**

v

**Description**

In case of PARTNER, a copy of the partnership agreement or general power of attorney, in either, case, attested by a Notary Public should be furnished or affidavit on stamped paper of all the partners admitting execution of the partnership agreement or the general power of attorney should be furnished.

**Clause No**

16

**Clause**

16

**Sub Clause**

vi

**Description**

In case of the partnership firms, where no authority to refer disputes concerning the business of the partnership has been conferred on any partner, the tender and all other related documents must be signed by every partner of the firm.

**Clause No**

16

**Clause**

16

**Sub Clause**

vii

**Description**

A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrantee that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all costs and damages.

**Clause No**

17

**Clause**

17

**Sub Clause**

i

**Description**

The purchaser reserves his right to accept partly or reject any offer without assigning any reason thereof. The purchaser does not pledge itself to accept the lowest or any tender and reserves to itself the right of acceptance the whole or any part of the tender or portion of the quantity offered and the tenderer shall supply the same at the rate quoted. Tenderer is at liberty to tender for the whole or any portion or to state in the tender that the rate quoted shall apply only if the entire quantity is taken from him.

**Clause No**

18

**Clause**

18

**Sub Clause**

i

**Description**

Incomplete quotations or Conditional quotations will not be considered and will be rejected & ignored.

**Clause No**

19

**Clause**

19

**Sub Clause**

i

**Description**

EVALUATION OF ELIGIBILITY BIDS: Evaluation of Eligibility Bids will involve selection of Eligible Bidders by checking their submitted documents/ Credentials by Civil Works Committee (CWC).

**Clause No**

20

**Clause**

20

**Sub Clause**

i

**Description**

EVALUATION OF PRICE BIDS OF ELIGIBLE BIDDERS: Evaluation of price bids of eligible bidders will involve preparation of Comparative statement of Tender (CST) based on their quoted rates.

**Clause No**

21

**Clause**

21

**Sub Clause**

i

**Description**

There will be no negotiation if price quoted is considered reasonable else negotiation will be held only with the lowest bidder i.e. L1 (AS DECIDED BY CIVIL WORKS COMMITTEE)

**PART II: Technical Specification**

Clause No

Clause

Sub Clause

Description

1	1	1	REPAIRS TO STORE SECTION OF MA-12 AT BUILDING NO. 5 AT MPF AMBERNATH. (TECHNICAL SPECIFICATIONS ARE MENTIONED AGAINST EACH ITEM OF TENDER. BIDDER SHALL CAREFULLY READ ALL THE TECHNICAL SPECIFICATIONS BEFORE QUOTING FOR THE ITEMS IN TENDER. IT SHALL BE PRESUMED THAT THE BIDDER HAS UNDERSTOOD THE TECHNICAL SPECIFICATIONS OF THE WORK IN ALL RESPECT AS MENTIONED ABOVE BEFORE QUOTING THE TENDER)
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**Clause No**

1

**Clause**

1

**Sub Clause**

1

**Description**

REPAIRS TO STORE SECTION OF MA-12 AT BUILDING NO. 5 AT MPF AMBERNATH. (TECHNICAL SPECIFICATIONS ARE MENTIONED AGAINST EACH ITEM OF TENDER. BIDDER SHALL CAREFULLY READ ALL THE TECHNICAL SPECIFICATIONS BEFORE QUOTING FOR THE ITEMS IN TENDER. IT SHALL BE PRESUMED THAT THE BIDDER HAS UNDERSTOOD THE TECHNICAL SPECIFICATIONS OF THE WORK IN ALL RESPECT AS MENTIONED ABOVE BEFORE QUOTING THE TENDER)

**Part III : Standard Conditions of Contract**

Clause No

Clause

Sub Clause

Description

1	1	a	Water & Electricity will be supplied by MACHINE TOOL PROTOTYPE FACTORY at the prescribed / prevailing charges and the same will be deducted from the contractor/s Bill.
2	2	a	THE OFFER SHALL BE INCLUSIVE OF GST and ALL OTHER TAXES AS APPLICABLE TIME TO TIME.
2	2	b	The work done amount, shall be inclusive of GST amount. At the time of submitting invoice for RAR / Final Bill, the firm shall have to mention prevailing GST rate on the billing date for this particular type of work. Disclaimer: The onus of depositing the correct GST to the Government shall lie solely on the successful bidder and MACHINE TOOL PROTOTYPE FACTORY shall not be responsible for the same.
3	3	a	"INSTRUCTIONS TO THE BIDDERS" attached file with this TE is hereby ACCEPTED.

3	3	b	“GENERAL & SPECIAL CONDITION OF CONTRACT ” attached file with this TE is hereby ACCEPTED.
3	3	c	'SAFETY INSTRUCTION WHILE WORKING AT HEIGHT” attached file with this TE is hereby ACCEPTED.
3	3	d	'TENDER DOCUMENT FOR E-PROCUREMENT ” attached file with this TE is hereby ACCEPTED.
3	3	e	'SAFETY INSTRUCTION WHILE CARRYING OUT ELECTRICAL WORKS' attached file with this TE is hereby ACCEPTED
3	3	f	'SUBMISSION OF REQUIRED EMD IN REQUISITE FORM' is hereby ACCEPTED. BIDDERS SHALL UPLOAD THE INK SIGNED COPY OF EMD ALONG WITH THE BID DOCUMENTS.

**Clause No**

1

**Clause**

1

**Sub Clause**

a

**Description**

Water & Electricity will be supplied by MACHINE TOOL PROTOTYPE FACTORY at the prescribed / prevailing charges and the same will be deducted from the contractor/s Bill.

**Clause No**

2

**Clause**

2

**Sub Clause**

a

**Description**

THE OFFER SHALL BE INCLUSIVE OF GST and ALL OTHER TAXES AS APPLICABLE TIME TO TIME.

**Clause No**

2

**Clause**

2

**Sub Clause**

b

**Description**

The work done amount, shall be inclusive of GST amount. At the time of submitting invoice for RAR / Final Bill, the firm shall have to mention prevailing GST rate on the billing date for this particular type of work. Disclaimer: The onus of depositing the correct GST to the Government shall lie solely on the successful bidder and MACHINE TOOL PROTOTYPE FACTORY shall not be responsible for the same.

**Clause No**

3

**Clause**

3

**Sub Clause**

a

**Description**

"INSTRUCTIONS TO THE BIDDERS" attached file with this TE is hereby ACCEPTED.

**Clause No**

3

**Clause**

3

**Sub Clause**

b

**Description**

“GENERAL & SPECIAL CONDITION OF CONTRACT ” attached file with this TE is hereby ACCEPTED.

**Clause No**

3

**Clause**

3

**Sub Clause**

c

**Description**

'SAFETY INSTRUCTION WHILE WORKING AT HEIGHT" attached file with this TE is hereby ACCEPTED.

**Clause No**

3

**Clause**

3

**Sub Clause**

d

**Description**

'TENDER DOCUMENT FOR E-PROCUREMENT " attached file with this TE is hereby ACCEPTED.

**Clause No**

3

**Clause**

3

**Sub Clause**

e

**Description**

'SAFETY INSTRUCTION WHILE CARRYING OUT ELECTRICAL WORKS' attached file with this TE is hereby ACCEPTED

**Clause No**

3

**Clause**

3

**Sub Clause**

f

**Description**

'SUBMISSION OF REQUIRED EMD IN REQUISITE FORM' is hereby ACCEPTED. BIDDERS SHALL UPLOAD THE INK SIGNED COPY OF EMD ALONG WITH THE BID DOCUMENTS.

**Part IV : Special Conditions of Contract**

Clause No	Clause	Sub Clause	Description
1	1	a	Special Condition of Contract (attach file) as mentioned in Tender Attachment.

**Clause No**

1

**Clause**

1

**Sub Clause**

a

**Description**

Special Condition of Contract (attach file) as mentioned in Tender Attachment.

**Part V : Evaluation Criteria**

Clause No	Clause	Sub Clause	Description
1	AVERAGE ANNUAL TURNOVER	EC	Average Annual financial turnover for last 03 Years, ending 31st March of the previous Financial year should be at least 30% of the Estimated cost. (Self attested, Scanned Copy to be attached issued by CA or TDS issued by employers).

2	EXPERIENCE	EC	Experience of having successfully completed similar works during last 07 years ending last day of month previous to the one in which applications are invited should be either of the following:- I. Three similar works costing not less than Amount equal to 40 % of the Estimated Cost OR II. Two similar works costing not less than Amount equal to 50 % of the Estimated Cost OR III. One similar works costing not less than Amount equal to 80 % of the Estimated Cost (Self attested, Scanned Copies of works & completion certificate to be attached.)
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3	EARNEST MONEY DEPOSIT	EC	<p>Bidder(s) must submit EMD as indicated in the invitation to the tender as per following: i. EMD shall be deposited in the form of Demand draft, Bankers cheque, fixed deposit receipt and Bank Guarantee in the name of Chief General Manager /MTPF Ambarnath. ii. The validity of Bank Guarantee as EMD shall be six months from bid submission date. The validity of other instruments as EMD shall be at least offer validity / bid validity period i.e. shall not be less than 90 days. iii. The EMD of unsuccessful bidders shall be immediately returned after the acceptance of tender or bid validity period whichever is earlier. iv. The EMD of successful bidder shall be returned only after receipt of security deposit.</p>
4	GST & PAN Registration No	EC	<p>Self attested copy of Goods and Services Tax Identification Number (GSTIN) and PAN are to be attached along with tender.</p>

5	Copies of IT return for last three years	EC	IT return duly certified by CA for last three Year. (Financial Year 2021-22, 2020-21 & 2019-20)
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<b>Clause No</b>
1
<b>Clause</b>
AVERAGE ANNUAL TURNOVER
<b>Sub Clause</b>
EC
<b>Description</b>
Average Annual financial turnover for last 03 Years, ending 31st March of the previous Financial year should be at least 30% of the Estimated cost. (Self attested, Scanned Copy to be attached issued by CA or TDS issued by employers).

**Clause No**

2

**Clause**

EXPERIENCE

**Sub Clause**

EC

**Description**

Experience of having successfully completed similar works during last 07 years ending last day of month previous to the one in which applications are invited should be either of the following:- I. Three similar works costing not less than Amount equal to 40 % of the Estimated Cost OR II. Two similar works costing not less than Amount equal to 50 % of the Estimated Cost OR III. One similar works costing not less than Amount equal to 80 % of the Estimated Cost (Self attested, Scanned Copies of works & completion certificate to be attached.)

**Clause No**

3

**Clause**

EARNEST MONEY DEPOSIT

**Sub Clause**

EC

**Description**

Bidder(s) must submit EMD as indicated in the invitation to the tender as per following: i. EMD shall be deposited in the form of Demand draft, Bankers cheque, fixed deposit receipt and Bank Guarantee in the name of Chief General Manager /MTPF Ambernath. ii. The validity of Bank Guarantee as EMD shall be six months from bid submission date. The validity of other instruments as EMD shall be at least offer validity / bid validity period i.e. shall not be less than 90 days. iii. The EMD of unsuccessful bidders shall be immediately returned after the acceptance of tender or bid validity period whichever is earlier. iv. The EMD of successful bidder shall be returned only after receipt of security deposit.

**Clause No**

4

**Clause**

GST & PAN Registration No

**Sub Clause**

EC

**Description**

Self attested copy of Goods and Services Tax Identification Number (GSTIN) and PAN are to be attached along with tender.

**Clause No**

5

**Clause**

Copies of IT return for last three years

**Sub Clause**

EC

**Description**

IT return duly certified by CA for last three Year. (Financial Year 2021-22, 2020-21 &amp; 2019-20)

**Checklist**

Checklist No	Description
A	Scanned copy of Requisite EMD (If applicable) as mentioned in Evaluation criteria.
B	Scanned copy of financial capacity- ITR ,Annual Report (Balance Sheet & Profit and Loss statements) and Average Annual Financial Turnover during the last 3 years as mentioned in Evaluation criteria.
C	Scanned copy of requisite PAN & GST Details as mentioned in Evaluation criteria.

D	Scanned copy of successfully completed Experience / Work done certificate during last 7 years as mentioned in Evaluation criteria
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<p><b>Checklist No</b></p> <p>A</p> <p><b>Description</b></p> <p>Scanned copy of Requisite EMD (If applicable) as mentioned in Evaluation criteria.</p>
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<p><b>Checklist No</b></p> <p>B</p> <p><b>Description</b></p> <p>Scanned copy of financial capacity- ITR ,Annual Report (Balance Sheet &amp; Profit and Loss statements) and Average Annual Financial Turnover during the last 3 years as mentioned in Evaluation criteria.</p>
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**Checklist No**

C

**Description**

Scanned copy of requisite PAN & GST Details as mentioned in Evaluation criteria.

**Checklist No**

D

**Description**

Scanned copy of successfully completed Experience / Work done certificate during last 7 years as mentioned in Evaluation criteria

**Other Terms and Conditions**

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Pre-contract Integrity Pact

Is applicable ?

No

Name and address of IEM

No

Public Procurement (Preference to Make in India), Order 2017

Is applicable ?

No
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Reason

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Public Procurement for MSEs, Order 2012

Is applicable ?

No
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Reason

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Conflict of Interest Clause

Is applicable ?

No
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Reason

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Other Term and Conditions

Delivery period (in days)

120
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## Tender Item

Item Code	Item Description	Unit	Quantity Required	Credit (-)/Non Credit (+)	Mandatory Item
1	Dismantling structural steel work including doors, gates but excluding framed truss etc all complete as directed by Engg-in-Charge.	QUINTAL	14	+	Yes
2	Dismantling of Asbestos cement (corrugated, semicorrugated, etc.) sheets in roof coverings etc all complete as directed by Engg-in-Charge.	Sq.metre	60	+	Yes

3	<p>Taking down eaves gutters and rainwater pipes (any size or pattern), including all fittings, heads, shoes, bends, swan-necks, etc., including cleaning or refixing or removal to Store (measured overall as fixed along the centre line over fittings and accessories etc all complete as directed by Engg-in-Charge.</p>	Metre	55	+	Yes
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4	Demolition of Brickwork or stone/ boulder masonry, built in cement mortar including all quoins, arches, pillars, etc, but excluding ashlar facings, dressed stonework and precast concrete articles etc all complete as directed by Engg-in-Charge.	Cu.metre	6	+	Yes
5	Demolition of Reinforced Concrete in beams, and similar suspended work etc all complete as directed by Engg-in-Charge.	Cu.metre	1	+	Yes

6	Demolition of Concrete in ground floors and pavings n exc 15 cm thickness (below or above ground level) etc all complete as directed by Engg-in-Charge.	Cu.metre	1	+	Yes
7	Taking down cement plaster on brick or stone walls, etc. including raking out joints, hacking for key, scrubbing down with water, etc all complete as directed by Engg-in-Charge	Sq.metre	20	+	Yes

8	Moorum/red bajri filling in floors or pavings, laid in layers n exc. 15 cm thick, spread, levelled and rammed including watering etc all complete as directed by Engg-in-Charge	Cu.metre	38	+	Yes
9	M&L for Hardcore of guage exc 63mm but n exc. 100 mm, deposited, spread and levelled in layers n exc. 15 cm thick, watered and rolled/rammed to a true surface etc all complete as directed by Engg-in-Charge	Cu.metre	18	+	Yes

10	M&L for Cement Concrete PCC M15, 1:2:4 with 20 mm graded Aggregate etc all complete as directed by Engg-in-Charge	Cu.metre	17	+	Yes
11	M&L for Screed bed or bedding layer of mortar 25 mm thick in cement mortar 1:6 for laying floor finishes M&L for Screed bed or bedding layer of mortar 25 mm thick in cement mortar 1:6 for laying floor finishes etc all complete as directed by Engg-in-Charge	Sq.metre	162	+	Yes

12	S&F for Machine cut kota stone slab flooring 20-25mm thick over cement screed base laid and jointed with grey cement slurry mixed with pigment to match the shade of the slab ncluding rubbing and polishing complete etc all complete as directed by Engg-in Charge	Sq.metre	162	+	Yes
13	M&L for Brickwork with subclass 'B' bricks, straight or curved on plan exc 6m mean radius built in Cement mortor 1:4 etc all complete as directed by Engg-in-Charge	Cu.metre	4	+	Yes

14	M&L for Rendering 20 mm thick cement plaster in 1:4 on fair faces of brick work or concrete surfaces etc all complete as directed by Engg-in-Charge	Sq.metre	72	+	Yes
15	M&L for Neeru finish to plastering as specified etc all complete as directed by Engg-in-Charge	Sq.metre	47	+	Yes

16	S&F of Granite (of any type) work (table rubbed and polished) for wall lining(veneering to wall) 12mm thick in cement mortar (1:3) and pointing with white cement (1:2) using marble dust with admixture of pigment to match with shade of granite etc all complete as directed by Engg-in-Charge	Sq.metre	16	+	Yes
17	Chamfer, splays or arris in facework n. exc 15mm wide over Granite etc all complete as directed by Engg-in-Charge	Metre	51	+	Yes

18	<p>S&amp;F Framed work such as grills, gratings, etc.. with ends of bars shouldered and/or riveted, or forged into spikes; framed guard bars; barred iron doors; ladders; framed balusters; walk ways; railings; framework of water tanks and similar work conforming to Fe.290.Gde-E-165 etc all complete as directed by the Engg in Charge.</p>	Kilogram	301	+	Yes
19	<p>M&amp;L for Powder coated Anodised aluminium frame for doors, windows, ventilators with one or more rebates including joining cleat forfixing etc. complete all as specified</p>	Kilogram	191	+	Yes

20	S&F sheet Glass 4 mm thick Make Modi Guard / Saint Gobain etc etc all complete as directed by Engg-in- Charge	Sq.metre	31	+	Yes
21	S&F Bakelite sheet minimum 3 to 4 mm thick / premalminated particle board 9 mm thick exteriorGrade of approved make with decorative choice lamination on both side etc all complete as directed by Engg-in- Charge	Sq.metre	26	+	Yes
22	S&F Parliament hinges 125 mm, aluminium alloy anodised and fixed etc all complete as directed by Engg-in- Charge	Each	8	+	Yes

23	S&F for Aluminium anodised, barrel tower bolts 150 mm of extruded section and fixed etc all complete as directed by Engg-in-Charge	Each	4	+	Yes
24	S&F of Extruded aluminium alloy handles 150mm, fabricated type, anodised etc all complete as directed by Engg-in-Charge	Each	4	+	Yes
25	S&F Brass Mortice lock 4 lever, vertical type, size 100 mm etc all complete as directed by Engg-in-Charge	Each	2	+	Yes

26	S&F Rolled sections (Fe 410 -W (Gde-E- 250)quality-A as in main and cross beams, hip and jack rafters; purlins where connected to common rafters and running rails and uides for sliding doors; fixed with angle cleats or other connecting plates etc all complete as directed by Engg-in-charge	Kilogram	1032	+	Yes
27	M&L Anodised aluminium snap grid frame work for false ceiling all as specified size of grid 605 mm 605 mm etc all complete as directed by engg. In charge	Sq.metre	162	+	Yes

28	<p>S&amp;F Hangers  6 mm dia GI  (up to 1200  mm length)  adjusting level  fixed to roof  slab by means  of ceiling cleats  made out of GI  flat 40 x 3 mm  size 60 mm  long and  expansion hold  fasteners 12.5  mm dia,40 mm  long complete  all as specified  etc all  complete as  directed by  Engg. in  charge</p>	Sq.metre	162	+	Yes
29	<p>S&amp;F Asbestos  cement plain  building boards  6 mm thick,  fixed to timber  framework with  screws etc all  complete as  directed by  Engg. in  charge</p>	Sq.metre	162	+	Yes

30	S&F of 6mm thick asbestos cement, corrugated or semi-corrugated sheets in roofs, walls etc all complete as directed by Engg. in charge.	Sq.metre	60	+	Yes
31	M&L for Steel rolling shutters gear operated with bevel gear box and crank handle, with out ball bearing, as specified including top cover, anchoring rod, hasp and staple and one shop coat of primer; erected in position as indicated, complete: push pull or manual type etc all complete as directed by Engg. in charge	Sq.metre	9	+	Yes

32	S & F PVC (SWR) pipes 150 mm dia single socketed, in any length with rubber ring joints, laid in trenches or in floors etc all complete as directed by Engg. in charge	Metre	10	+	Yes
33	S & F of PVC (SWR) bends 150 dia any radius etc all complete as directed by Engg. in charge	Each	4	+	Yes

34	<p>M &amp; L for painting of steel &amp; iron surfaces of any description including preparation of old painted surfaces and applying two coats of synthetic enamel paint (Make: 1st Quality from Asian Paints / Nerolac Paints) etc all complete as directed by the Engg in Charge. (Each Coat of paint shall be shown to EIC &amp; SIC seperately &amp; entry in this regard shall be made in the Work Diary) etc all complete as directed by Engg. in charge</p>	Sq.metre	56	+	Yes
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35	<p>M &amp; L for External wall painting in Two Coats including following procedure: (i) complete removal of existing treatment, it shall be ensured that the surface to be painted must be free from any loose paint, dust or grease. Any previous growth of fungus, algae or moss should be removed thoroughly by vigorous wire brushing and cleaning with water. Surface imperfection such as holes, dents fine cracks should be filled with exterior wall putty (Make: Asian / Nerolac) or mixture of white cement and fine sand in proportion 1:3. [The</p>	Sq.metre	234	+	Yes
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	<p>surface such prepared shall be shown to SIC &amp; EIC for inspection before application of Primer] (ii) Applying one coat of Exterior Wall Primer (Make: Asian / Nerolac) by thinning 1liter of primer with 1 liter of water. Allow the primer coat to dry for 4 hours. [The surface after application of Primer shall be shown to SIC &amp; EIC before application of 1st coat of Exterior Emulsion] (iii) Applying two coats of Exterior Emulsion, (Make: Apex Weather Proof Exterior Paint from Asian Paints / Excel Total Acrylic Exterior Emulsion from Nerolac Paints)</p>				
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	<p>by diluting 1 lit paint with 400ml of water. A gap of 4-6 hours should be given between two coats. The work to be carried out up to 18m height including necessary scaffolding ,staging and all safety equipments, including complete cleaning of site etc. all complete as directed by Engg-in-Charge. [The surface after application of 1st Coat shall be shown to SIC &amp; EIC for inspection before application of 2nd Coat of Exterior Emulsion. Subsequently the surface after application of 2nd Coat shall be shown to</p>				
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	SIC & EIC for final inspection]				
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36	<p>M &amp; L for Distemping in Two Coats including following procedure: (i) Complete removal of existing treatment, it shall be ensured that the surface to be painted must be free from any loose paint, dust or grease. Any previous growth of fungus, algae or moss shall be removed thoroughly by vigorous wire brushing and cleaning with water. Surface imperfection such as holes, removal of nails, dents fine cracks should be filled with wall putty. (Make: JK / Birla White wall Putty) [The surface such prepared shall be shown to SIC &amp; EIC for</p>	Sq.metre	384	+	Yes
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	<p>inspection before application of Primer] (ii) Apply one coat of primer by thinning 1liter of primer (Make: 1st quality Asian Paints / Nerolac Paints wall primer) with 1 liter of water and allow the primer coat to dry for 4 hours. Sand the surface with emery paper No.320 and wipe clean. [The surface after application of Primer shall be shown to SIC &amp; EIC before application of 1st coat of Distemper] (iii) Applying two coats of Acrylic distemper (Make : Asian Paints Tractor Acrylic Distemper / Nerolac Paints Beauty Acrylic Distemper) as</p>				
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	<p>per manufacturer's specification. The application shall be done by using brush / roller. Stir the paint well before use. A gap of 4-6 hours should be given between two coats. [The surface after application of 1st Coat shall be shown to SIC &amp; EIC for inspection before application of 2nd Coat of Distemper. Subsequently the surface after application of 2nd Coat shall be shown to SIC &amp; EIC for final inspection]</p> <p>The work to be carried out up to 18m height including necessary scaffolding, staging and all safety equipments, including</p>				
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	complete cleaning of site & removal of all rubbish outside factory premises etc.all complete as directed by Engg-in-Charge.				
37	M & L for preparation of new surfaces, including thorough cleaning and strengthening joints of valley gutters with red lead putty and applying one coat of Black Bituminous Paint etc all complete as directed by the Engg in Charge.	Sq.metre	21	+	Yes

38	Supply & Fixing Sheet Metal Enclosure Single Pole & Neutral 8 Way Single Door Make:Siemens/L&T/Legrand etc all complete as directed by Engg-in-charge	Each	1	+	Yes
39	Supply & Fixing of Modular switches 1 way, 6A Make:Anchor/Roma/GM/Cona/Legrand etc all complete as directed by Engg-in-charge	Each	31	+	Yes
40	Supply & Fixing of Modular Socket 6A, 2/3 Pin Combined 2 Module Make:Anchor/Roma/GM/Cona/Legrand etc all complete as directed by Engg-in-charge	Each	13	+	Yes

41	Supply & Fixing Modular Switch 1Way , 16A Make:Anchor/ Roma/ GM/ Cona/ Legrand etc all complete as directed by Engg-in-charge	Each	9	+	Yes
42	Supply & Fixing of Modular Socket 6A/16A Make:Anchor/ Roma/ GM/ Cona/ Legrand etc all complete as directed by Engg-in-charge	Each	9	+	Yes
43	Supply & Fixing of Ceiling Rose PVC Polycarbonate isolated body Make:Anchor/ Roma/GM/ Cona/ Legrand etc all complete as directed by Engg-in-charge	Each	22	+	Yes

44	<p>Wiring for Circuit / Submain wiring along with earth wire with 2 x 4.0 sq.mm + 1 x 2.5 Sq.mm earth wire of FR PVC insulated copper conductor (Make:Finolex / Polycab / Havells ) in PVC Conduit Make: Precision / Pressfit.etc all complete as directed by Engg-in-charge</p>	Metre	85	+	Yes
45	<p>One Light Point or one Fan point controlled by one switch with cables 1.5 Sq.mm Size in PVC Conduit Make:Finolex/ Polycab etc all complete as directed by Engg-in-charge</p>	Each	22	+	Yes

46	One additional Light Point or one additional Fan point controlled by one existing light point with cables 1.5 Sq.mm Size in PVC Conduit Make:Finolex/ Polycab etc all complete as directed by Engg-in-charge	Each	7	+	Yes
47	Supply and Fixing of MODULAR METAL/PVC FLUSH BOX 6 Module (or Modular Metal /PVC Flush Box of 12 Module in place of 2 Nos of 6 Module Metal / PVC Flush Box), Make: Havells/ Anchor/ Legrand/ Cona etc all complete as directed by Engg-in-charge	Each	17	+	Yes

48	<p>Supply and Fixing of MODULAR WHITE COVER PLATE WITH FRAME 6 Module (or Modular Metal /PVC Flush Box of 12 Module in place of 2 Nos of 6 Module Metal / PVC Flush Box), Make: Havells/ Anchor/ Legrand/ Cona etc all complete as directed by Engg-in-charge</p>	Each	17	+	Yes
49	<p>Supply and fixing amp rating 240V, 10KA 'C' curve miniature circuit breaker (MCB) of SPN poles and current carrying capacity 32 Amp in the MCB, Make: ABB / L&amp;T/ C&amp;S / Anchor, DB complete with connection testing and commissioning.</p>	Each	1	+	Yes

50	<p>Supply and fixing 240V, 10 KA 'B' curve miniature circuit breaker (MCB) of single poles and current carrying capacity 5 to 32 AMP, Make: ABB / L&amp;T/ C&amp;S / Anchor, in the MCB DB Complete with connection testing and commissioning. etc all complete as directed by Engg-in-charge</p>	Each	4	+	Yes
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51	<p>Supply and fixing ceiling fans complete with blades, down rods, electronic regulator and accessories, 230 V, 1200 mm sweep          Make: Havells/ Orient/ Usha/ Crompton. Min air delivery 210 CFM with service value 6.00 BEE. Five star rated with brushless direct current motor (BLDC) etc all complete as directed by Engg-in-charge</p>	Each	8	+	Yes
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52	<p>Supply and fixing LED luminaire 600 mm x 600 mm, 35/36 watt, 220 V AC recessed type with high efficiency PMMA diffuser soft glare free light complete with driver, holders, Make: Havells/ Syska/ Surya/ Wipro &amp; LED lamp suitable for roof ceiling including connecting up with driver three core flexible copper conductor cases of suitable size complete. etc all complete as directed by Engg-in-charge</p>	Each	21	+	Yes
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53	Supply and fixing exhaust fan, Make: Orient / Havells/ Usha, steel body AC single Phase. 230V of size 300m sweep with, blades, and frame and louvers etc all complete as directed by Engg-in-charge	Each	4	+	Yes
54	Supply of Casing & Caping for Telephone/ Computer Cable 32 x 12 mm etc all complete as directed by Engg-in-charge	Metre	40	+	Yes
55	Fixing of casing & Caping for telephone & Computer cables 32 x 12 mm etc all complete as directed by Engg-in-charge	Metre	40	+	Yes

56	Supply of 4 PAIR CAT6 UTP Cable for Networking etc all complete as directed by Engg-in-charge	Metre	40	+	Yes
57	S&F RJ-45 (RJ-11) Modular Sockets for Computer LAN connection etc all complete as directed by Engg-in-charge	Each	12	+	Yes
58	Supply and Fixing of MODULAR METAL/PVC FLUSH BOX 2 Module, Make: Havells/ Anchor/ Legrand/ Cona etc all complete as directed by Engg-in-charge	Each	3	+	Yes

59	<p>Supply and Fixing of MODULAR WHITE COVER PLATE WITH FRAME 2 Module, Make: Havells/ Anchor/ Legrand/ Cona etc all complete as directed by Engg-in-charge</p>	Each	3	+	Yes
60	<p>Cutting upto a depth of 2.5cm into concrete walls and trimming surface as required, girth exc. 30cm with reinforcement after fixing Conduit and Switch Board and level wall surface as existing wall etc all complete as directed by Engg-in-charge</p>	Sq.metre	8.1	+	Yes

61	Dismantling and taking down fluorescent tube light single/double of any wattage or size street light fittings for replacement of burnt/worn out accessories repair oror carrying to store etc all complete as directed by Engg-in-charge	Each	10	+	Yes
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**Item Code**

1

**Item Description**

Dismantling structural steel work including doors, gates but excluding framed truss etc all complete as directed by Engg-in-Charge.

**Unit**

QUINTAL

**Quantity Required**

14

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

2

**Item Description**

Dismantling of Asbestos cement (corrugated, semicorrugated, etc.) sheets in roof coverings etc all complete as directed by Engg-in-Charge.

**Unit**

Sq.metre

**Quantity Required**

60

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

3

**Item Description**

Taking down eaves gutters and rainwater pipes (any size or pattern), including all fittings, heads, shoes, bends, swan-necks, etc., including cleaning or refixing or removal to Store (measured overall as fixed along the centre line over fittings and accessories etc all complete as directed by Engg-in-Charge.

**Unit**

Metre

**Quantity Required**

55

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

4

**Item Description**

Demolition of Brickwork or stone/ boulder masonry, built in cement mortar including all quoins, arches, pillars, etc, but excluding ashlar facings, dressed stonework and precast concrete articles etc all complete as directed by Engg-in-Charge.

**Unit**

Cu.metre

**Quantity Required**

6

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

5

**Item Description**

Demolition of Reinforced Concrete in beams, and similar suspended work etc all complete as directed by Engg-in-Charge.

**Unit**

Cu.metre

**Quantity Required**

1

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

6

**Item Description**

Demolition of Concrete in ground floors and pavings n exc 15 cm thickness (below or above ground level) etc all complete as directed by Engg-in-Charge.

**Unit**

Cu.metre

**Quantity Required**

1

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

7

**Item Description**

Taking down cement plaster on brick or stone walls, etc. including raking out joints, hacking for key, scrubbing down with water, etc all complete as directed by Engg-in-Charge

**Unit**

Sq.metre

**Quantity Required**

20

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

8

**Item Description**

Moorum/red bajri filling in floors or pavings, laid in layers n exc. 15 cm thick, spread, levelled and rammed including watering etc all complete as directed by Engg-in-Charge

**Unit**

Cu.metre

**Quantity Required**

38

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

9

**Item Description**

M&L for Hardcore of guage exc 63mm but n exc. 100 mm, deposited, spread and levelled in layers n exc. 15 cm thick, watered and rolled/rammed to a true surface etc all complete as directed by Engg-in-Charge

**Unit**

Cu.metre

**Quantity Required**

18

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

10

**Item Description**

M&L for Cement Concrete PCC M15, 1:2:4 with 20 mm graded Aggregate etc all complete as directed by Engg-in-Charge

**Unit**

Cu.metre

**Quantity Required**

17

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

11

**Item Description**

M&L for Screed bed or bedding layer of mortar 25 mm thick in cement mortar 1:6 for laying floor finishes M&L for Screed bed or bedding layer of mortar 25 mm thick in cement mortar 1:6 for laying floor finishes etc all complete as directed by Engg-in-Charge

**Unit**

Sq.metre

**Quantity Required**

162

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

12

**Item Description**

S&F for Machine cut kota stone slab flooring 20-25mm thick over cement screed base laid and jointed with grey cement slurry mixed with pigment to match the shade of the slab ncluding rubbing and polishing complete etc all complete as directed by Engg-in Charge

**Unit**

Sq.metre

**Quantity Required**

162

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

13

**Item Description**

M&L for Brickwork with subclass 'B' bricks, straight or curved on plan exc 6m mean radius built in Cement mortor 1:4 etc all complete as directed by Engg-in-Charge

**Unit**

Cu.metre

**Quantity Required**

4

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

14

**Item Description**

M&L for Rendering 20 mm thick cement plaster in 1:4 on fair faces of brick work or concrete surfaces etc all complete as directed by Engg-in-Charge

**Unit**

Sq.metre

**Quantity Required**

72

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

15

**Item Description**

M&L for Neeru finish to plastering as specified etc all complete as directed by Engg-in-Charge

**Unit**

Sq.metre

**Quantity Required**

47

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

16

**Item Description**

S&F of Granite (of any type) work (table rubbed and polished) for wall lining(veneering to wall) 12mm thick in cement mortar (1:3) and pointing with white cement (1:2) using marble dust with admixture of pigment to match with shade of granite etc all complete as directed by Engg-in-Charge

**Unit**

Sq.metre

**Quantity Required**

16

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

17

**Item Description**

Chamfer, splays or arris in facework n. exc 15mm wide over Granite etc all complete as directed by Engg-in-Charge

**Unit**

Metre

**Quantity Required**

51

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

18

**Item Description**

S&F Framed work such as grills, gratings, etc.. with ends of bars shouldered and/or riveted, or forged into spikes; framed guard bars; barred iron doors; ladders; framed balusters; walk ways; railings; framework of water tanks and similar work conforming to Fe.290.Gde-E-165 etc all complete as directed by the Engg in Charge.

**Unit**

Kilogram

**Quantity Required**

301

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

19

**Item Description**

M&L for Powder coated Anodised aluminium frame for doors, windows, ventilators with one or more rebates including joining cleat for fixing etc. complete all as specified

**Unit**

Kilogram

**Quantity Required**

191

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

20

**Item Description**

S&F sheet Glass 4 mm thick Make Modi Guard / Saint Gobain etc etc all complete as directed by Engg-in-Charge

**Unit**

Sq.metre

**Quantity Required**

31

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

21

**Item Description**

S&F Bakelite sheet minimum 3 to 4 mm thick / prealaminated particle board 9 mm thick exterior Grade of approved make with decorative choice lamination on both side etc all complete as directed by Engg-in-Charge

**Unit**

Sq.metre

**Quantity Required**

26

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

22

**Item Description**

S&F Parliament hinges 125 mm, aluminium alloy anodised and fixed etc all complete as directed by Engg-in-Charge

**Unit**

Each

**Quantity Required**

8

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

23

**Item Description**

S&F for Aluminium anodised, barrel tower bolts 150 mm of extruded section and fixed etc all complete as directed by Engg-in-Charge

**Unit**

Each

**Quantity Required**

4

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

24

**Item Description**

S&F of Extruded aluminium alloy handles 150mm, fabricated type, anodised etc all complete as directed by Engg-in-Charge

**Unit**

Each

**Quantity Required**

4

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

25

**Item Description**

S&F Brass Mortice lock 4 lever, vertical type, size 100 mm etc all complete as directed by Engg-in-Charge

**Unit**

Each

**Quantity Required**

2

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

26

**Item Description**

S&F Rolled sections (Fe 410 -W (Gde-E- 250)quality- A as in main and cross beams, hip and jack rafters; purlins where connected to common rafters and running rails and uides for sliding doors; fixed with angle cleats or other connecting plates etc all complete as directed by Engg-in-charge

**Unit**

Kilogram

**Quantity Required**

1032

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

27

**Item Description**

M&L Anodised aluminium snap grid frame work for false ceiling all as specified size of grid 605 mm 605 mm etc all complete as directed by engg. In charge

**Unit**

Sq.metre

**Quantity Required**

162

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

28

**Item Description**

S&F Hangers 6 mm dia GI (up to 1200 mm length) adjusting level fixed to roof slab by means of ceiling cleats made out of GI flat 40 x 3 mm size 60 mm long and expansion hold fasteners 12.5 mm dia,40 mm long complete all as specified etc all complete as directed by Engg. in charge

**Unit**

Sq.metre

**Quantity Required**

162

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

29

**Item Description**

S&F Asbestos cement plain building boards 6 mm thick, fixed to timber framework with screws etc all complete as directed by Engg. in charge

**Unit**

Sq.metre

**Quantity Required**

162

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

30

**Item Description**

S&F of 6mm thick asbestos cement, corrugated or semi-corrugated sheets in roofs, walls etc all complete as directed by Engg. in charge.

**Unit**

Sq.metre

**Quantity Required**

60

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

31

**Item Description**

M&L for Steel rolling shutters gear operated with bevel gear box and crank handle, with out ball bearing, as specified including top cover, anchoring rod, hasp and staple and one shop coat of primer; erected in position as indicated, complete: push pull or manual type etc all complete as directed by Engg. in charge

**Unit**

Sq.metre

**Quantity Required**

9

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

32

**Item Description**

S & F PVC (SWR) pipes 150 mm dia single socketed, in any length with rubber ring joints, laid in trenches or in floors etc all complete as directed by Engg. in charge

**Unit**

Metre

**Quantity Required**

10

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

33

**Item Description**

S & F of PVC (SWR) bends 150 dia any radius etc all complete as directed by Engg. in charge

**Unit**

Each

**Quantity Required**

4

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

34

**Item Description**

M & L for painting of steel & iron surfaces of any description including preparation of old painted surfaces and applying two coats of synthetic enamel paint (Make: 1st Quality from Asian Paints / Nerolac Paints) etc all complete as directed by the Engg in Charge. (Each Coat of paint shall be shown to EIC & SIC seperately & entry in this regard shall be made in the Work Diary) etc all complete as directed by Engg. in charge

**Unit**

Sq.metre

**Quantity Required**

56

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

35

**Item Description**

M & L for External wall painting in Two Coats including following procedure: (i) complete removal of existing treatment, it shall be ensured that the surface to be painted must be free from any loose paint, dust or grease. Any previous growth of fungus, algae or moss should be removed thoroughly by vigorous wire brushing and cleaning with water. Surface imperfection such as holes, dents fine cracks should be filled with exterior wall putty (Make: Asian / Nerolac) or mixture of white cement and fine sand in proportion 1:3. [The surface such prepared shall be shown to SIC & EIC for inspection before application of Primer] (ii) Applying one coat of Exterior Wall Primer (Make: Asian / Nerolac) by thinning 1liter of primer with 1 liter of water. Allow the primer coat to dry for 4 hours. [The surface after application of Primer shall be shown to SIC & EIC before application of 1st coat of Exterior Emulsion] (iii) Applying two coats of Exterior Emulsion, (Make: Apex Weather Proof Exterior Paint from Asian Paints / Excel Total Acrylic Exterior Emulsion from Nerolac Paints) by diluting 1 lit paint with 400ml of water. A gap of 4-6 hours should be given between two coats. The work to be carried out up to 18m height including necessary scaffolding ,staging and all safety equipments, including complete cleaning of site etc. all complete as directed by Engg-in-Charge. [The surface after application of 1st Coat shall be shown to SIC & EIC for inspection before application of 2nd Coat of Exterior Emulsion. Subsequently the surface after application of 2nd Coat shall be shown to SIC & EIC for final inspection]

**Unit**

Sq.metre

**Quantity Required**

234

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

36

**Item Description**

M & L for Distemping in Two Coats including following procedure: (i) Complete removal of existing treatment, it shall be ensured that the surface to be painted must be free from any loose paint, dust or grease. Any previous growth of fungus, algae or moss shall be removed thoroughly by vigorous wire brushing and cleaning with water. Surface imperfection such as holes, removal of nails, dents fine cracks should be filled with wall putty. (Make: JK / Birla White wall Putty) [The surface such prepared shall be shown to SIC & EIC for inspection before application of Primer] (ii) Apply one coat of primer by thinning 1liter of primer (Make: 1st quality Asian Paints / Nerolac Paints wall primer) with 1 liter of water and allow the primer coat to dry for 4 hours. Sand the surface with emery paper No.320 and wipe clean. [The surface after application of Primer shall be shown to SIC & EIC before application of 1st coat of Distemper] (iii) Applying two coats of Acrylic distemper (Make : Asian Paints Tractor Acrylic Distemper / Nerolac Paints Beauty Acrylic Distemper) as per manufacturer's specification. The application shall be done by using brush / roller. Stir the paint well before use. A gap of 4-6 hours should be given between two coats. [The surface after application of 1st Coat shall be shown to SIC & EIC for inspection before application of 2nd Coat of Distemper. Subsequently the surface after application of 2nd Coat shall be shown to SIC & EIC for final inspection] The work to be carried out up to 18m height including necessary scaffolding, staging and all safety equipments, including complete cleaning of site & removal of all rubbish outside factory premises etc.all complete as directed by Engg-in-Charge.

**Unit**

Sq.metre

**Quantity Required**

384

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

37

**Item Description**

M & L for preparation of new surfaces, including thorough cleaning and strengthening joints of valley gutters with red lead putty and applying one coat of Black Bituminous Paint etc all complete as directed by the Engg in Charge.

**Unit**

Sq.metre

**Quantity Required**

21

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

38

**Item Description**

Supply & Fixing Sheet Metal Enclosure Single Pole & Neutral 8 Way Single Door  
Make:Siemens/L&T/Legrand etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

1

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

39

**Item Description**

Supply & Fixing of Modular switches 1 way, 6A Make:Anchor/ Roma/GM/Cona/Legrand etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

31

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

40

**Item Description**

Supply & Fixing of Modular Socket 6A, 2/3 Pin Combined 2 Module Make:Anchor/ Roma/ GM/ Cona/ Legrand etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

13

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

41

**Item Description**

Supply & Fixing Modular Switch 1Way , 16A Make:Anchor/ Roma/ GM/ Cona/ Legrand etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

9

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

42

**Item Description**

Supply & Fixing of Modular Socket 6A/16A Make:Anchor/ Roma/ GM/ Cona/ Legrand etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

9

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

43

**Item Description**

Supply & Fixing of Ceiling Rose PVC Polycarbonate isolated body Make:Anchor/ Roma/GM/ Cona/ Legrand etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

22

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

44

**Item Description**

Wiring for Circuit / Submain wiring along with earth wire with 2 x 4.0 sq.mm + 1 x 2.5 Sq.mm earth wire of FR PVC insulated copper conductor (Make:Finolex / Polycab / Havells ) in PVC Conduit Make: Precision / Pressfit.etc all complete as directed by Engg-in-charge

**Unit**

Metre

**Quantity Required**

85

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

45

**Item Description**

One Light Point or one Fan point controlled by one switch with cables 1.5 Sq.mm Size in PVC Conduit Make:Finolex/ Polycab etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

22

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

46

**Item Description**

One additional Light Point or one additional Fan point controlled by one existing light point with cables 1.5 Sq.mm Size in PVC Conduit Make:Finolex/ Polycab etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

7

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

47

**Item Description**

Supply and Fixing of MODULAR METAL/PVC FLUSH BOX 6 Module (or Modular Metal /PVC Flush Box of 12 Module in place of 2 Nos of 6 Module Metal / PVC Flush Box), Make: Havells/ Anchor/ Legrand/ Cona etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

17

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

48

**Item Description**

Supply and Fixing of MODULAR WHITE COVER PLATE WITH FRAME 6 Module (or Modular Metal /PVC Flush Box of 12 Module in place of 2 Nos of 6 Module Metal / PVC Flush Box), Make: Havells/ Anchor/ Legrand/ Cona etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

17

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

49

**Item Description**

Supply and fixing amp rating 240V, 10KA 'C' curve miniature circuit breaker (MCB) of SPN poles and current carrying capacity 32 Amp in the MCB, Make: ABB / L&T/ C&S / Anchor, DB complete with connection testing and commissioning.

**Unit**

Each

**Quantity Required**

1

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

50

**Item Description**

Supply and fixing 240V, 10 KA 'B' curve miniature circuit breaker (MCB) of single poles and current carrying capacity 5 to 32 AMP, Make: ABB / L&T/ C&S / Anchor, in the MCB DB Complete with connection testing and commissioning.etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

4

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

51

**Item Description**

Supply and fixing ceiling fans complete with blades, down rods, electronic regulator and accessories, 230 V, 1200 mm sweep Make: Havells/ Orient/ Usha/ Crompton. Min air delivery 210 CFM with service value 6.00 BEE. Five star rated with brushless direct current motor (BLDC) etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

8

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

52

**Item Description**

Supply and fixing LED luminaire 600 mm x 600 mm, 35/36 watt, 220 V AC recessed type with high efficiency PMMA diffuser soft glare free light complete with driver, holders, Make: Havells/ Syska/ Surya/ Wipro & LED lamp suitable for roof ceiling including connecting up with driver three core flexible copper conductor cases of suitable size complete. etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

21

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

53

**Item Description**

Supply and fixing exhaust fan, Make: Orient / Havells/ Usha, steel body AC single Phase. 230V of size 300mm sweep with, blades, and frame and louvers etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

4

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

54

**Item Description**

Supply of Casing & Caping for Telephone/ Computer Cable 32 x 12 mm etc all complete as directed by Engg-in-charge

**Unit**

Metre

**Quantity Required**

40

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

55

**Item Description**

Fixing of casing & Caping for telephone & Computer cables 32 x 12 mm etc all complete as directed by Engg-in-charge

**Unit**

Metre

**Quantity Required**

40

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

56

**Item Description**

Supply of 4 PAIR CAT6 UTP Cable for Networking etc all complete as directed by Engg-in-charge

**Unit**

Metre

**Quantity Required**

40

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

57

**Item Description**

S&F RJ-45 (RJ-11) Modular Sockets for Computer LAN connection etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

12

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

58

**Item Description**

Supply and Fixing of MODULAR METAL/PVC FLUSH BOX 2 Module, Make: Havells/ Anchor/ Legrand/ Cona etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

3

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

59

**Item Description**

Supply and Fixing of MODULAR WHITE COVER PLATE WITH FRAME 2 Module, Make: Havells/ Anchor/ Legrand/ Cona etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

3

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

60

**Item Description**

Cutting upto a depth of 2.5cm into concrete walls and trimming surface as required, girth exc. 30cm with reinforcement after fixing Conduit and Switch Board and level wall surface as existing wall etc all complete as directed by Engg-in-charge

**Unit**

Sq.metre

**Quantity Required**

8.1

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Item Code**

61

**Item Description**

Dismantling and taking down fluorescent tube light single/double of any wattage or size street light fittings for replacement of burnt/worn out accessories repair oror carrying to store etc all complete as directed by Engg-in-charge

**Unit**

Each

**Quantity Required**

10

**Credit (-)/Non Credit (+)**

+

**Mandatory Item**

Yes

**Created On** : 07-12-2022 06:22 PM

**Signed By** : YOGESH

**Signed On** : 07-12-2022 05:45 PM