



M P STATE ELECTRONICS DEVELOPMENT CORPORATION LTD

(A Govt. of M.P Undertaking)

Tender No: MPSEDC/DYCGM/VC (Shifting)/2018/380

Tender Document

For Shifting and New Infrastructure Development Including
Interior, Furnishings, Electrical & Ac Works for VC Rooms in District
Alirajpur and Ratlam (M.P.)

(Scanned copy of all pages of this document is to be submitted duly signed on each page.)

Deputy Chief General Manager

M.P. State Electronics Development Corporation Ltd.

State IT Centre, 47-A, Arera Hills, Bhopal-462011 (M.P.)

Ph: 0755-2518603, 8827348707 Fax: 0755-2579824

PART-1 TECHNICAL BID

NOTICE INVITING TENDER

Online Tenders are invited for the tenders mentioned below. Bidders may view/download the Tender Document from www.mpeproc.gov.in. First time users of this portal will be required to register online with Registration charges. The Tender schedule is as follows:

Tender No.	Tender No: MPSEDC/DYCGM/VC (Shifting)/ 2018/380
Scope of Work	Shifting and New Infrastructure Development Including Interior, Furnishings, Electrical & Ac Works for VC Rooms in District Alirajpur and Ratlam (M.P.)
Tender Cost	INR 5000 .00 (Non-refundable)
Processing Fees	INR 281.00 (Non-refundable)
Download of Tender Documents	02.08.2018 to 20.08.2018 up to 2.00 PM
Pre-bid Meeting	10.08.2018 at 11.00 AM ,MPSEDC Office
Submission of Bid	20.08.2018 up to 3.00 PM
Opening of Technical Bid	20.08.2018 up to 4.00 PM
EMD	INR 1,00,000/- to be submitted Online
Contact No.	0755-2518603, 2518614
Address for communication:	Dy CGM MPSEDC LTD., 47-A, Arera Hills, BHOPAL (M.P.)BHOPAL (M.P.)

Note:

1. Tender document can be viewed/ downloaded from the website www.mpeproc.gov.in. Tenderer has to submit the document fee, Processing fee and EMD amount Online
2. All further amendments in Tender Document or Bid Schedule shall be notified on our website www.mpeproc.gov.in only.
3. In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.
4. Bids submitted without Earnest Money deposit as specified are liable to be rejected.
5. MPSEDC Ltd has the right to accept /reject any/all tenders without assigning any reasons.

LETTER OF SUBMISSION OF TENDER

To,

**Dy.Chief General Manager
M.P. State Electronics Development Corporation Limited
State IT Center,
47-A, Arera Hills
Bhopal - 462011.**

Sub: Tender for Shifting and New Infrastructure Development Including Interior, Furnishings, Electrical & Ac Works for VC Rooms in District Alirajpur and Ratlam (M.P.)

Dear Sir,

Having examined the tender document relating to the works comprising of the Tender notice General and Special Conditions of Contract, Specifications, Schedule of Quantities etc. having understood the provisions and requirement relating to Shifting and New Infrastructure Development Including Interior, Furnishings, Electrical & Ac Works for VC Rooms in District Alirajpur (M.P.) having conducted a thorough study of the premises availability of Water & Power supplies, transportation and communication facilities availability and accessibility of material and all other factors governing this work we hereby submit our offer for the execution of the proposed work in accordance with the terms and Conditions and within the time period specified in the tender document at the rate (all inclusive) quoted by me/us in the accompanying Schedule of quantities.

I / We undertake to do all extra work, which may be assigned, to us as a part of this contract to complete the activity at the item rate quoted in the tender document. We abide with this tender for the period of 120 days from opening of the financial bid and it shall remain binding on us. We understand that MPSEDC is not bound to accept the lowest or any tender and may reject any or all tenders or divide the work to more than one contractor without assigning any reason or explanation whatsoever.

If after the tender document is accepted, and I /We fail to commence the execution of the work within 15 days we agree that MPSEDC shall have full authority to forfeit our earnest money Deposit and award the contract to any other contractor they deem fit and we will not have any Claim whatsoever it may be.

This is signed in capacity of ----- duly authorized to sign tender for and on behalf of -----.

SEAL & SIGN OF THE BIDDER

Place:

Date:

Technical Bid

ELIGIBILITY CRITERIA

SI No	Eligibility Criteria	Documents Required
01	Bidding company should be registered company in India with registrar department i.e firm and society or a company registered under company act.	Registration Certificate
02	The bidder must either be an Original Equipment Manufacturing (OEM) for the approved brands of furniture demanded in this tender or the authorized representative.	Authorized bidder to attach MAF. OEM to submit self-declaration.
03	The OEM of furniture company should preferable an ISO 9001:2008 Certified company and should be Green Guard & Bifma member.	Certificate enclosed.
04	The bidder should not have been blacklisted by any Government Department/PSU/PSI on the date of submission of bid.	Declaration required
05	Bidder should have experience in successfully executing orders of similar nature during the last 03 years and executed value more than 1.5 Crore in each of the last three year. Copy of the work order in Govt/Semi Govt/PSU's/PSI'.	Completion Certificate along with work order issued by Principal Employer should be submitted.
07	Average turnover for the last three financial years should be minimum Rs. 5.00 Crore 2015-16, 2016-17 and 2017-18	Certified copies of Income Tax returns, Audited balance sheet (head wise) and profit and loss account is required to be submitted for last three years
08	Should be registered in P.F, E.S.I.C and GST	Certificate of registration.
09	The bidding firm/company must be a single company. Consortium and joint venture is not allowed.	Declaration required

PRE QUALIFICATION FORM

(To be dully filled in by the Contractor. Details to be supported with certified copies of relevant documents. Incomplete forms are liable to be rejected.)

1.	Name of the company	
2.	Registered / Permanent Address of the company	
3.	Year of establishment	
4.	Whether the company is Proprietary / Partnership / Private Ltd. / Public Ltd. or any other. Please specify.	
5.	Name of the Owner / Director / Partners	
6.	Name of the Contact Person	
7.	Address for Communication	
8.	Telephone nos.	
10.	Mobile no.	
11.	E-mail address	
12.	Name and address of Bankers	
13.	Whether the company has any suit / claim pending with / tax authorities / Courts if yes, give details	
14.	Whether the company / Owner / Partner is black listed with any Govt. organization/PSU	
15.	Whether the company / Owner / Partner had lodged any arbitration case with the client, if so give details. Details of arbitration case if any in progress	

This is to certify that the above information is true and correct to the best of our knowledge and belief. We also understand that incomplete form and / or details / information as required in enclosed ANNEXURES if not supported with certified copies of relevant documents is liable to be rejected.

TERMS AND CONDITIONS

A. Project Information

01. General:

The detailed information of the project given below is for general information and for convenience of the Contractor. However, it is not binding on MPSEDC Ltd. in any way and shall not govern the scope of works.

02. Location of site:

The project site is located at Building of Collectorate District Alirajpur (M.P.)

03. Land for offices, godowns, stores, fabrication areas, toilet, water point and Electric point etc. shall be decided at site office, store for material and tools and labor accommodation near site at his own cost. In addition, site should be well maintained and kept clean by the Contractor throughout the project execution and not hinder existing activities in the complex.

04. After the completion of the project, the Contractor shall remove all the Temporary structures (if any) constructed by him and clear the site as per the instructions of MPSEDC Ltd. In case, if the Contractor fails to do so, MPSEDC Ltd. has the right to remove the temporary structures and clear the site. The expenses incurred shall be recovered from the Contractor from the payments due to him.

05. Scope of work

The scope of work envisaged in this tender broadly includes **Shifting and New Infrastructure Development Including Interior, Furnishings, Electrical & Ac Works for VC Rooms in District Alirajpur (M.P.)** However, depending upon site conditions and situations; it is possible that certain other work not indicated above is deleted from the scope. Such additions / deletions shall not be the grounds for any claims or extras what so ever.

06. Samples & Shop Drawings

After the award of the contract, the contractor shall submit to MPSEDC Ltd. sample of materials required which should include fittings, and drawings for approval before commencement of works.

B. INFORMATION TO TENDERER

01. Amendment in Bidding Document by the Competent Authority

At any time prior to the deadline for the submission of bids, the competent authority may, for any reason, whether on its own or in response to a clarification requested for by a prospective bidder, modify the bidding document by way of amendment(s).

In order to allow reasonable time to the prospective bidders for taking into account such amendment(s), in the preparation of their bids, the competent authority, at its discretion, may extend the deadline for the submission of bids.

02. Bid Price

The bidders shall indicate on the prescribed Price Schedule, including item-wise and final Bid Price of the items listed.

Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and shall not be subject to variation on any account.

A bid submitted with an adjustable price will be treated as non-responsive and rejected. Any alterations, erasures or overwriting shall be valid only if the person or persons signing the bid initial them.

03. The EMD may be forfeited:

If a Bidder withdraws its bid during the period of bid validity specified by the bidder on the bid Form: or In case of a successful Bidder, if the Bidder fails:

- (i) To accept the order
- (ii) To furnish performance security
- (ii) If the bidder, after accepting the work order fails to deliver the material/services as per the order.

C. SUBMISSION OF BIDS

01. Marking of Bids

The bidders shall submit EMD, technical bid (containing the technical specifications offered, literature leaflets, signed tender document etc.) and financial bid separately as per online submission process.

The bidders are required to submit all relevant details/information in strict accordance of the formats mentioned in Annexure in the Pre qualification form. All enclosures (certified copies of work orders etc.) Supporting the information should be submitted in sequence of the information furnished in the pre qualification form as part of the Technical bid. The bidders must mention in the required column the total no. of enclosures relevant to each form.

02. Deadline for Submission of Bids

Bids must be submitted online but not later than the time and date specified in the invitation of Bids.

D. BID OPENING AND EVALUATION OF BIDS

01. Opening of Bids

Since it is a Two-bid system, Technical bid will be opened first by the Committee constituted for this purpose. If the technical bid specifications offered, and EMD are found in order, the Committee will open financial bid only for the technically qualified bidders. The date, time and place of opening of financial bid will be intimated on the website - www.mpeproc.gov.in.

02. Preliminary Examination

Before starting evaluation, the bids will be examined to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order. In case of computational error the basic price will prevail.

If bid is determined as not substantially responsive, the competent authority will reject it and only the substantially responsive financial bids will be considered.

The process of evaluation of bid is as follows:

- (i) The Committee, appointed by the MPSEDC LTD., will first verify that the Bid Security is in order and as per requirement of the bid. The Committee will examine the bid on Eligibility Criteria as specified. The scrutiny of technical proposals will be based on the Evaluation Criteria determined.
- (ii) The financial bid will be opened only for the proposals, which are found eligible and technically acceptable by the Committee and approved. On the day specified for the opening of bid, the Committee, appointed by the MPSEDC LTD., will open the financial bids of eligible bidders and scrutinize the same.
- (iii) After scrutiny, the MPSEDC LTD. after having examined the proposal may accept the same or accept the bid price of any other bidder found suitable or reject all or any proposal. The decision of the MPSEDC LTD. in this regard shall be final and binding.
- (iv) The quantity mentioned in the tender document is as per our estimate. However, MPSEDC reserves the right to place order for the less/higher quantity or drop the items or segregated delivery schedule depending on the actual requirement.

03. Contacting the Competent Authority

Any effort on part of a Bidder to influence the Competent Authority or members of Technical/Monitoring committee, in its decisions on bid evaluation; bid comparison or contact award may result in rejection of the bidder's bid.

04. General

- (i) Before tendering, the tenderer shall visit the site and also carefully examine the conditions of contract, the specifications, drawings and the Bills of Quantities and if there should be or appear to be any ambiguity in or discrepancy between any of these documents or between figured and measured dimensions upon the drawings, he should immediately refer the matter to the MPSEDC and the concerned officer at MPSEDC.
- (ii) MPSEDC will not be responsible for or pay for expenses, which may be incurred by the party in connection with the visits to an examination of the site and in the preparation of the tender.
- (iii) Any clarifications required on the tender documents / drawings / site condition may be obtained from the office of the MPSEDC.
- (iv) Time is the essence of the contract and the time required for completion of work from the date of placing the order has been indicated in the appendix to the general conditions of the contract.
- (v) The tenderer shall complete the annexed form of Tender, Schedule and Bills of Quantities with the whole of the price and information called for therein and shall sign with date on each of the documents in the space provided for

the purpose. Each page of the tender shall bear tenderer sign and also shall bear the stamp of the bidder.

(vi) The tender form and documents attached to it shall not be detached one from the other and no alteration other than filling in of all blank spaces shall be made in the documents.

(vii) The bidder should quote his rates for the items mentioned in the schedule of items. The total amount should be written in figures as well as in words. All corrections and alterations made while filling the tender must be attested by initials of the bidder. Overwriting of figures is not permitted. The contractor will not have the freedom to change the unit. No percentage above or below the schedule is to be quoted. If there is any difference between the amount in words and figures written in the tender forms by the contractor the lesser amount will be treated as valid, if the contractor is not ready to accept the amount so fixed in the above manner and declines to do the work earnest money deposit of the contractor shall be forfeited.

The rates quoted shall be firm and shall not be subjected to any exchange variations, labor conditions, and fluctuations in railway freight, taxes, royalties and any conditions whatsoever. All rates & prices quoted shall remain firm throughout the tenure of contract (till the completion of all major & minor works in the scope of contractor & its certification by MPSEDC). Escalation will not be paid in any case.

The rate quoted in the tender shall also include all required material, manpower, tools & plants, Anti-termite & wood borer treatment, temporary water & electric connection and consumption charges required to execute the work, GST, or any other tax and duty or other levy levied by the Central Government or any State Government or Local authority, if applicable No claim in respect of GST, or other tax duty or levy whether existing or future shall be entertained by the MPSEDC.

(viii) The rate quoted in the tender shall also include temporary water & electric connection and consumption charges required to execute the work. If no power is available at the site, the contractor shall have to make his own arrangements to obtain power connections laying service lines and maintain at his own expense an efficient service of electric light and power and shall pay for the electricity consumed MPSEDC shall however give all possible assistance to the Contractor to obtain the requisite permission form the various authorities, but the responsibility for obtaining the same shall be that of the contractor.

(ix) All Municipal government fees for drainage, electrical and water connection for construction purpose shall be borne by the contractor.

(x) The contractor should note that tender is strictly on item rate basis and his attention is drawn to the fact that rates for each and every item should be correct, workable and self-supporting. The quantities in the schedule in quantities approximately indicate total extent of work but vary to any extent and may even be omitted thus altering the aggregate value of the contract. The competent authority reserves the right to increase or decrease the work to any extent. No claim shall be entertained on this account.

(xi) The preliminary drawings, prepared by the Architect, are annexed with the tender and clarification required if any, may be obtained by contacting MPSEDC Office. Please note that the tender drawings are only indicative and

may change during execution of work as per actual designs. The contractor has to execute the work as per the architectural, structural, elevations, electrical and other drawings provided by the Architect during execution. MPSEDC has full right for addition/omission or any change in the drawing/s, at any stage prior or during construction stage the addition/omission/change, which will not vitiate the contractor and contractor's claim on this account will not be entertained on any ground.

In general the drawings shall indicate dimensions, position and type of construction work. The specifications shall indicate the qualities and the methods, and the bill of quantities shall indicate the quantum and the rate for each item of work. Any work indicated on the drawings and not mentioned in the specification or vice versa shall be furnished as thoughtfully set forth in both. Work not specifically detailed, called for, marked or specified shall be the same as similar parts that are detailed, marked or specified.

- The contractor's work should be executed as per deviate from the drawings and the specifications. MPSEDC's interpretation of these documents shall be final and without appeal.
- Errors or inconsistencies discovered in the drawings and specifications shall be promptly brought to the attention of MPSEDC Project I/C, for interpretation or correction. Local conditions which may affect the work shall likewise be brought to MPSEDC's attention. If at any time, it is discovered that work is being done which is not in accordance with the contract drawings and specifications the contractor shall correct the work immediately. Corrections of defective work shall not be a basis for any claim for / or extension of time, the contractor shall not carry on work except with the knowledge of MPSEDC.
- Figured dimensions on the Scale Drawings and large size details shall govern. Large size details shall take precedence over small scale drawings. Any work done before receipt of such details, if not in accordance with the same, shall be removed and replaced or adjusted, as directed, by the Contractor without expense to the MPSEDC. The general conditions apply with equal force to all the work including authorized extra works.
- Drawings and designs for the project as per the guidelines of Council of Architects will remain property of the Architect and will not be used without the written permission of the Architect elsewhere.
- The contractor shall furnish Detailed Drawings/ Shop drawings necessary for execution of the project and have it confirmed by the MPSEDC prior to taking up such work.
- The contractor shall ask in writing for all clarification's on matters of ambiguity or confusion occurring anywhere in drawings, specifications and schedule of quantities or to additional instructions at least 7 days ahead from the time when it is required for implementation so that MPSEDC may be able to give decision thereon.

- (xii) The MPSEDC reserves the right to adjust arithmetical or other errors in any tender in the way which it considers suitable, any adjustment so made by MPSEDC shall be stated to the bidder.

(xiii) PRICES FOR EXTRAS ETC.

The Contractor may, when authorized and shall, when directed, in writing by the Architect with the approval of the MPSEDC add to, omit from or vary the works shown upon drawings, or described in the specifications, or included in the schedule of quantities, but the Contractor shall make no addition, omission or variation without such authorization or direction. A verbal authority or direction by the Architect shall, be confirmed by them in writing within seven days, be deemed to have been given in writing. No claim for an extra shall be allowed unless it shall have been executed under the authority of the Architect/MPSEDC with the concurrence of the MPSEDC as herein mentioned. Any such extra is herein referred to as authorized extra and shall be made in accordance with the following provisions:

- a. The net rates or prices in the original tender shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced therein.
Rates for all items, wherever possible, should be derived out of the rates given in the priced schedule of quantities.
- b. The net prices of the original tender shall determine the value of the items omitted provided if omissions vary the conditions under which any remaining items of works are carried out the prices for the same shall be valued as under.
- c. Where the extra works are not of similar character and/or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items of works are carried out or if the amount of any omissions or additions relative to the amount of the whole of the contract works or to any part thereof shall be such that in the opinion of the Architect the net rate or price contained in the priced schedule of quantities or tender or for any items of the works involves loss or expenses beyond that reasonably contemplated by the Contractor or is by reason of such omission or addition tendered unreasonable or inapplicable, the Architect shall fix such other rate or price as in the circumstances he consider reasonable and proper, with the prior approval in writing of the MPSEDC.
- d. Where extra work cannot be properly measured or valued the Contractor shall be allowed day work prices as the net rates in the tender or the price schedule of quantities or, if not so stated then in accordance with the local day work rates and wages for the district, provided that in either case vouchers, specifying the daily time (and if required by the Architect, the workmen's names) and materials employed be delivered for verification to Architect/Bank Engineer at or before the end of the week following that in which the work has been executed.

- e. It is further clarified that no item of work other than specified in the tender document shall be executed without the prior written permission of MPSEDC. The Contractor should notify well in advance to MPSEDC. The requirement of such work not specified in the tender, and submit the detailed analysis and total quantity and estimate of such work, based on market prices if the material and labor and provision of profit & overheads at 15% only. The measurement and valuation in respect of the contract shall be completed within the period of final measurements or if not stated than within six months of the completion of the contract works as defined.
- (xiv) The tender shall remain valid for acceptance for the period of 120 days from the date of submission.
- (xv) Income tax, commercial tax and other Taxes as applicable in present or in future will be deducted as per rules.
- (xvi) MPSEDC do not bind itself to accept the lowest or any tender.
- (xvii) The successful tenderer is bound to carry out any items of work necessary for the completion of the job as instructed by MPSEDC even though such items are not included in the schedule of quantity.
- (xviii) MPSEDC reserves the right to accept or reject any one or all the tenders without assigning any reasons whatsoever.
- (xix) Defective liability period will be 12 months after the completion of work and handed over the site to the client.
- (xx) Penalty for delay after completion period shall be imposed at the rate 0.5% per week for the work not completed subject to the maximum 10% of the cost of awarded work.
- (xxi) Awarded work can be terminated due to poor workmanship & quality, unsatisfactory behavior of contractor, unexpected delay in the work.
- (xxii) Each page of the tender document is required to be signed and duly stamped by the authorized signatory of the tenderer.
- (xxiii) Original tender document duly signed and filled up should be submitted.
- (xxiv) The tender document shall be duly filled-up in all respects. If any of the data is found to be, missing then the tender will be considered as invalid.
- (xxv) The prices should be quoted in the original B.O.Q given in the tender document.

- (xxvi) Following procedures shall be adapted in case of difference in quoted rates in figures and words and extensions.
Where there is difference between rates in figures and in words, the rates quoted in words shall be considered as correct.
- a. Where the amount of an item is not worked out or it does not correspond to the rate either in figure or in words, the lower rates quoted shall be considered as correct and necessary' extension made.
 - b. Where the rates quoted by the tenderer in figures and in words tally, but the amount is not worked out correctly, the rates quoted by the tenderer shall be considered as correct and amount shall be corrected accordingly.
- (xxvii) Retention money equivalent to 10 % of gross value of the each running bill shall be deducted from contractor's bill as security deposit.
- a. The Retention money shall be refunded after end of defect liability period of 1 year provided the contractor has satisfactorily carried out all the works and attended to all defects in accordance with all conditions of contract including site clearance.
 - b. Retention money can be released against performance bank guarantee for defect liability period.
- (xxviii) Tax at source shall be deducted as applicable from time to time from each bill of contractor.
- (xxix) Liquidity Damages: In case the contractor fails to complete the work whether fully or partly as per schedule Liquidity damages 0.5% per week of the total contract value to maximum of 10% of the total contract value may be deducted from contractor's bill.
- (xxx) Deviation in bill of quantity with respect to work-items and / or technical specification thereof will not be allowed unless accepted by MPSEDC.
- (xxxi) Reservation / preference shall be given to SC/ST entrepreneurs as per government rules.

E. COMMITMENT OF CONTRACTOR

01. Interpretation of Contract documents:

- a) All the documents forming part of the contract are to be taken as mutually explanatory, supplementary and complementary to each other, if there is any error, omission or discrepancy in any of them. It shall be brought to the notice

of MPSEDC. The decision of MPSEDC shall be final and binding. The Contractor shall execute the work accordingly.

- b) The Contractor shall examine all the contract documents thoroughly including the scope, nature and magnitude of works he has to execute in accordance with the contract documents
- c) The Contractor shall visit the project site to study the site conditions, means of access to the site. In addition, other factors governing the works. The submission of the tender will imply that the bidder has visited the site, has examined the site, and is aware of the site conditions.
- d) There may be change in site location, layout of site as per technical requirements and the tenderer shall not be entitled for any claim due to such changes.

02. Force majeure:

- a) The following events shall come under the category of force majeure; viz. War, revolution, riots, floods, earthquake and epidemic or any other natural calamity, reason which is beyond the control of management. If the execution of work is delayed due to any of the above events, then the time period shall be extended as per the affected period.
- b) In case work is delayed due to non-availability of stores supplied by MPSEDC Ltd. or any other reasons which is beyond the Contractor's control, the Contractor shall then upon the happening of any such event causing delay shall immediately but not later than 10 days of happening of the event give notice thereof in writing to MPSEDC Ltd., but shall nevertheless use constantly his best endeavor to prevent or make good delay. The accepting officer may at his discretion grant such extension of time as may appear reasonable to him and the same shall be communicated to Contractor in writing and shall be final and binding and Contractor shall be bound to complete the work within such extended time.

03. Time of Completion:

The work shall be completed in all respects with within 4 months as per schedule given by MPSEDC.

04. Time Schedule:

The successful tenderer shall submit the proposed time schedule in the form of program charts detailing all entries that will be undertaken him within ten days from the date of issue of letter of intent or work order of work for approval to MPSEDC Ltd. The work shall be executed as per the work schedule.

05. Compensation for delay: (Liquidated damages)

Time is essence of contract. If the Contractor fails to complete the work and clear the site on or before the dates fixed for completion, he shall without prejudice to any other right or remedy on account of such breach be liable to pay compensation viz. **0.5% (percent)** of the contract value of the requisition of work ordered for

every week of the total order value, even though a part remains incomplete. For the purpose of this condition the contract value shall be valued at contract rates of work actually ordered, plus algebraic sum of subsequent work ordered provided always that the total amount of compensation to be paid under this condition shall not exceed ten percent of the total contract value.

06. Default of Contractor:

If the Contractor fails to complete the work within the stipulated time period or extended time period, or during the progress of work it is observed that the contractor is not maintaining the time schedule and the progress of work is not satisfactory then MPSEDC Ltd. shall have the right to terminate the contract: In this event, the contract shall be terminated by giving written notice to the Contractor and the unfinished works shall be got completed by labor engaged by MPSEDC Ltd. or through other agency at the risk and cost of the Contractor.

- a) Without terminating the contract: In this event, the remaining works shall be got executed through a fresh Contractor.
- b) Before determining the contract: In this event if MPSEDC Ltd. finds that the defaults of the contractor can be rectified, then an opportunity shall be given to the same Contractor to rectify the defects defaults in the specified time.

07. Approved Equal:

“Approved Equal” shall mean an alternative product/service approved by MPSEDC Ltd. as equivalent to that specified in the contract documents. **Wherever options in make & specifications of an item are mentioned in the tender, selection of the material to be used will be decided by MPSEDC Ltd. The contractor will be bound to use the said material irrespective of the cost implication. The contractor should quote for the items accordingly.**

08. Items of work for completion:

The tenderer is bound to carry out any items of work necessary for the completion of the job in stipulated period of time unless an extension of time is duly authorized even though such items are not included in the quantities and rates. MPSEDC Ltd. will issue instructions for such additional items and their quantities in writing.

09. Schedule of quantities:

The quantities given in the schedule of quantities are provisional and are meant to indicate the intent of the work and provide uniform bases for tendering. The contractor shall be paid for the actual quantity of work executed by him in accordance with the right of MPSEDC Ltd. to increase or decrease any of the quantities or totally omit any items of work and the contractor shall not claim any extra or damages on these grounds. Any error in description or in quantity or omission of item in the schedule of quantities shall not violate this contract but shall be deemed to be a variation required by MPSEDC Ltd.

010. Termination of contract on death:

If the Contractor is an individual or a proprietary firm and the individual or

proprietor dies and if the Contractor is a partnership firm and one of the partners dies, then MPSEDC Ltd. has the right to terminate the contract unless and until MPSEDC Ltd. is satisfied that the surviving partners are capable of executing and completing the remaining contract. In case of termination of contract, the legal representatives of the deceased Contractor are not entitled for any compensation or claim. In addition, MPSEDC Ltd. shall not levy any penalty against the damage caused by incomplete work.

011. Contractor's subordinate staff:

The Contractor shall depute qualified Engineer for execution of the project. The technical staff employed by the Contractor shall be responsible for the quality and workmanship of the work as per the satisfaction of MPSEDC Ltd. The Contractor's supervisory staff should follow the instructions given by MPSEDC Ltd. or its authorized representative. If any of the Contractor's staff members is incapable or inexperienced, in the opinion of MPSEDC Ltd., then he should be removed immediately and the Contractor should do suitable substitution. Technical staff employed should be degree holder from a government recognized institution or equivalent with at least 3 years practical experience of work in addition to Diploma holder and other experienced Architects, supervisory staff. The Engineer shall be present on site whenever MPSEDC representatives visit the site for inspection.

012. Subletting of contract:

The Contractor shall not appoint sub-contractors for execution of any part of the works, without the permission of MPSEDC Ltd. Even for some specialized works no subletting will be allowed without the prior approval of the MPSEDC officer-in-charge in writing without which the contractor cannot sublet or assign to any other party, or parties the whole, or any portion of work under the contract. Even where such approval is granted, the contractor shall not be relieved of any obligation or duty or responsibility, which he undertakes under the contract.

013. Cancellation of contract:

Cancellation of contract in part or in full on account of contractor's default: If the Contractor fails to execute the work in the manner described in the contract documents or if he at any time, in the opinion of MPSEDC Ltd.:

- a) Fails to carry out the works in accordance with the contract conditions or as per the specifications mentioned in the documents.
- b) Stops the execution of works without giving prior information to MPSEDC Ltd.
- c) Fails to carry out the works to the satisfaction of MPSEDC-In-charge.
- d) Fails to supply sufficient or suitable material, tools and labor etc.
- e) Commits breach of the provisions of the contract.
- f) Abandons the work.

In above cases, MPSEDC shall have the power to enter upon the works and take possession of the materials, temporary works, and electrification work without making any payment or allowance to the Contractor.

014. Co-operation with other agencies at site:

The Contractor or his authorized representatives must work in close co-operation with the agencies executing other works forming the part of the project and also with the workers employed by MPSEDC Ltd. for the execution of the works / incidental works. Contractor shall permit free access and generally afford reasonable facilities to other agencies or MPSEDC workmen etc. The Contractor's quoted amount/rates shall be deemed to cater for all the above contingencies and nothing extra shall be admissible on this account.

015. Safety of adjoining properties:

The Contractor or his authorized representatives should conduct all the operations necessary for the execution of works in such a manner that no inconvenience / damages are caused to the properties of other persons.

016. Payment of Royalties, rents, octroi, taxes etc.:

- a) All charges regarding royalties, rents, octroi terminal, GST or other duties or any other levy on materials obtained for the work shall be borne by the Contractor.
- b) The Contractor should not sell or dispose off the dismantled materials, as it is the property of MPSEDC Ltd.

017. General conduct of the workers:

If the workers or the supervising staff of the Contractor are involved in riotous or illegal activities to such an extent that it becomes necessary to hand over the matter to the police then the Contractor would be solely responsible for the case and all the expenses incurred in the legal proceedings shall be borne by the Contractor.

018. Arbitration:

All disputes regarding the specifications, designs, drawings instructions and Quality of work or quality of material used for the work or any other matter Relating to the work shall be referred the Managing Director of M.P. State Electronics Development Corporation Ltd and his decision will be final and binding.

019. Escalation:

The rates quoted by the Contractor in the contract documents shall be final and shall not be subjected to any change due to the increase in labor wages Or inflation in the cost of materials or any other price variations due to any reason during the stipulated time of the contract or during the extended time of completion.

020. Insurance:

The Contractor shall at his own expense carry and maintain insurance with Reputed insurance companies to the satisfaction of MPSEDC Ltd. as under:

- a) Insurance of works: The Contractor shall take full responsibility for loss, damage and care of area and works until it is delivered to site, constructed, responsibility, the Contractor shall in the interest of the work insure the plant and work for their full value plus ten percent until they have been taken over. Such insurance shall cover the equipment and works against loss, damage or destruction by fire, earthquake, theft or any other cause, throughout the duration of the contract period or extended contract period. If the Contractor fails to undertake the insurance, MPSEDC Ltd. will insure and debit the premium expenditure to the Contractor's account.
- b) Insurance of employees: The Contractor shall accept full and exclusive Liability for the compliance with all obligations imposed by the Employees State Insurance Act, 1948 and any liability or penalty which may be imposed by the Central, State or Local Authorities due to the reason of violation by the Contractor or sub-contractor of the Employees State Insurance Act, 1948, the shall be recovered from any of the payment due to Contractor. The Contractor shall agree to fulfill in with the Employees State Insurance Corporation, the declaration forms and all forms which may be required in respect of the Contractor's, sub-contractor's employees who are employed in the work provided for or those covered by E.S.I.C. from time to time under the agreement. MPSEDC Ltd. shall retain such sum as may be necessary from the total contract value until the Contractor shall furnish satisfactory proof that all contributions as required by the Employees State Insurance Act, 1948 have been paid.
- c) Workmen's Compensation: Insurance shall be effected for all the Contractor's employees engaged for this contract, if any of the work is sub-let, the Contractor shall require the sub-contractor to provide workmen's compensation and employer's liability insurance for the latter's employees, if such employees are not covered under the Contractor's insurance. The Contractor shall also carry and maintain all other insurance, which may be required under any law or regulations from time to time. He should also carry and maintain any other insurance, which may be required by MPSEDC Ltd.
- d) Transit Insurance: The cost of transit insurance relating to the items to be transported by the Contractor to the site of work shall be borne by the Contractor and the quoted price shall be inclusive of this cost.
- e) Indemnity against loss or damage: The Contractor shall be responsible during the progress of work as well as maintenance period for any liability imposed by law for any damage to work or any part thereof or to any of the materials or other things including those of MPSEDC Ltd. used in performing the work or for injury to any person or persons or for any property damaged in or outside the Site. The Contractor shall indemnify and hold MPSEDC Ltd. harmless against all liability, claims, loss or injury, including costs, expenses And attorneys, fees incurred in the defense of same, arising from any allegation whether groundless or not, of damage or injury to any person or Property resulting from the performance of the work or from any material used in the work or from any condition of the work or works site or from any cause whatsoever during the progress and maintenance of the work.

- f) Third party insurance: Before commencing the execution of the works, the Contractor, but without limiting his obligations and responsibilities shall insure against his liability for any material or physical damage, loss or injury which may occur to any property, including that of MPSEDC Ltd., or to any person, including any representative of MPSEDC Ltd., by or arising out of the execution of works or in the work being carried out by MPSEDC Ltd., by or arising out of the referred to in the provision to clause 3.17 v here of. Such insurance shall be effected with an insurer, in terms approved by MPSEDC Ltd., and for at least the amount stated in the Appendix of the Tender. The Contractor shall deposit with MPSEDC representative the policies of insurance and the receipts for payment of the current premiums. The term shall include a provision whereby, in the event of any claim in respect of which MPSEDC Ltd. would be entitled to receive indemnity under the policy being through or made against the Contractor, the insurer will indemnify MPSEDC Ltd. against such claims and any costs, charges and expenses in respect there of.
- g) The Contractor is required to deposit copies of all insurance policies with MPSEDC Ltd. before commencement of the work.

F. EXECUTION OF WORK

01. General:

The work shall be completed in all respects with within 4 months as per schedule given by MPSEDC.

All the works shall be executed in accordance with the detailed drawings, specifications and instructions given by MPSEDC Ltd. or mentioned in the contract document.

The contractor shall forthwith comply with and duly execute any works comprised in such instructions issued to him by MPSEDC in regard to any matter in respect of which MPSEDC is empowered by these conditions to issue instructions provided always that verbal instructions, directions and explanations given to the Contractor or his work representative by MPSEDC shall if involving a variation be confirmed in writing.

If within seven days after receipt of a written notice from the Architect & MPSEDC requiring compliance with an instruction the Contractor does not comply herewith, then the MPSEDC may employ and pay other persons to execute any work whatsoever which may be necessary to given effect to such instructions and all cost incurred with such employment shall be recoverable from the Contractor by the MPSEDC as a debt or may be deducted by him from any monies due or to become due to the Contractor under this contract.

Upon receipt of instruction issued to the contractor by the Architect & MPSEDC the Contractor may request in writing of any effect on the tender or the work such instruction may cause and the decision of the MPSEDC in this regard will be final and binding on the Contractor.

All instructions issued by the Architect & MPSEDC shall be in writing. Any instruction issued orally shall be of immediate effect, but shall be got confirmed in writing by the Contractor from MPSEDC.

In the case of works indicated on the drawings but not included in the contract the Contractor shall provide necessary facilities and co-operation for any sub-contractor or supplier who may be approved by MPSEDC. The Contractor shall do all cutting, filling or patching of his work that may be required to make its several parts come together properly and fit it to receive or be received by work of other Contractors shown upon or reasonably implied by the drawings and specifications for the completed structure, and he shall make good after them as the Architect may direct.

The Contractor shall not endanger any work by cutting, excavating or otherwise altering the work and shall not cut or alter the work of any other Contractor save with the consent of MPSEDC.

Contractor shall adhere to safe construction practice and guard against hazardous and unsafe working conditions and shall comply with relevant safety regulations as per Factory Act and any other statutory Acts, rules regulations etc. Safety rules as per IS shall be observed. Since the interior is to be carried in an existing old building all the necessary precautions shall be the liabilities of contractor. Any mishap occurs during the execution of project shall be the sole responsibility of contractor.

The successful bidder shall have to appoint one qualified interior designers and electrical engineers for full time until the completion of project.

That, the Contractor shall be liable for and shall indemnify the MPSEDC and the Architect against any liability, loss claim or proceedings whatsoever, arising under any statute or at Law in respect to personal injury to, or death of any person whomsoever, arising out of or in the course of, or caused by carrying out the work/s.

02. Drawings:

The drawings given in the tender document are indicative only. These are only meant for giving idea of the type and quantum of work to be executed. All working drawings shall be marked "Released for Execution" and duly signed by MPSEDC Ltd. All the old drawings shall be discarded and marked with "Superseded by drawing no...." If the drawings are revised during the execution of the work. Any discrepancy occurs in the drawings or between the drawings and specification, and then the same should be clarified from MPSEDC Ltd. prior to the execution of work. The decision given by MPSEDC Ltd. would be final.

- After the award of the contract, the Contractor shall furnish for the approval of MPSEDC, with such promptness as to cause no delay in his work or in that of any other Sub-Contractor, samples, detail and shop drawings required by the specifications or by MPSEDC. Samples shall be delivered as directed by the MPSEDC.
- A schedule giving dates for the submission of samples shall be included in the schedule. Unless specifically authorized all samples must be submitted for approval of MPSEDC within Fifteen days of signing the contract and not less than seven days before the date a particular work involved is scheduled to begin.

- The Architect in consultation with MPSEDC shall check and approve such samples, with reasonable promptness only for conformity with the design concept of the project and for compliance with the information in the contract documents. The work shall be in accordance with the approved samples.

03. Inspection of works:

- a) MPSEDC Ltd. or their Representative shall have the full authority to inspect the works at any time or at any stage. The Contractor shall provide adequate facilities to carry out inspection work. The Contractor should present himself or his authorized representative during the inspection so that then MPSEDC Ltd. can convey the instruction regarding the works.
- b) The Contractor shall give information to MPSEDC Ltd. before covering up the works so that the same can be inspected and measured jointly and correctly to true dimensions.
- c) If the Contractor fails to get the work inspected before covering it up. Then MPSEDC Ltd. has full authority to get the work uncovered at the expense of the Contractor and if any default is found then the Contractor without claiming any extra payment should rectify the same.

04. Inadequate works and materials:

- a) If any material brought by the Contractor is found unsuitable or of sub-standard quality after testing, then the Contractor shall remove then faulty materials immediately from the site as per the instructions of MPSEDC Ltd.
- b) If any work executed by the Contractor is found to be of bad workmanship or not as per the drawings, then the same is to be dismantled and re-executed by the Contractor without claiming any extra payment.

05. Default of Contractor in compliance:

If the Contractor or his authorized representative fails to follow the instructions given by MPSEDC Ltd. regarding any of the works, then the same shall be got executed by other persons employed by MPSEDC Ltd. and the expenses incurred shall be borne by the Contractor.

06. Discrepancies between instructions:

If any discrepancy occurs between the various instructions conveyed to contractor or his authorized representative or if any misunderstanding arises between the Contractor's staff and MPSEDC staff, the Contractor shall report the matter immediately to MPSEDC Ltd., whose decisions shall be final and binding. Moreover, no claims for losses due to discrepancies between instructions, doubts or misunderstandings shall be admissible.

07. Technical Specification

- i. All materials and workmanship shall bear the relevant code of ISI specification and approved type and the Contractor shall immediately remove from the works any material and/or workmanship which in the opinion of the Architect are defective or unsuitable and shall substitute proper material and/or workmanship at his own cost. The term approval used in connection with this contract shall mean the approval of the Architect.
- ii. The Contractor shall if required submit satisfactory evidence as to the kind and quality of material.
- iii. Where special makes or brands are called for they are mentioned as a standard. Others of equal quality may be used provided approval is first obtained in writing from MPSEDC. Unless substitutions are requested, no deviation from the specification will be permitted. Failure to propose the substitution of any article within 30 days after signing of the contract will be deemed sufficient cause for denial of the request for substitution.
- iv. The Contractor shall indicate and submit evidence in writing of those materials or articles called for in the specifications that are not obtainable for installation in the work within the time limits of the contract. Failure to indicate the above, within 30 days after the signing of the contract, will be deemed sufficient cause for the denial of request for the extension of the contract time.
- v. All material shall be delivered so as to insure a speedy and uninterrupted progress of the work, such material shall be stored so as to prevent overloading of any portion of the structure, and the Contractor shall be entirely responsible for damage or loss by weather or other cause.
- vi. This specification is for work to be done, items to be supplied and materials to be used in the works as shown/ defined on the drawings and described herein all under the supervision and to the satisfaction of the MPSEDC.
- vii. The workmanship is to be the best available and of a high standard use must be made of Specialist tradesmen in all aspects of the work and allowance must be made in the rates for doing so and decision of the MPSEDC with regard to finishing shall be final binding and without appeal.
- viii. The materials and items to be provided by the contractor should be the best of their best respective kinds, approved by the MPSEDC in accordance with any samples which may be submitted for approval and generally in accordance with the specification where materials or products as specified in the schedule of approved brands. The contractor will be required to obtain the approval of the MPSEDC and ARCHITECT before using the materials or product all invoices, vouchers, receipts accounts for any materials if called upon to do so by the MPSEDC.
- ix. Samples of all materials are to be submitted to the MPSEDC for approval before the contractor orders or delivers in the bulk to the site. Samples together with packing are to be provided free of charge by the contractor and should any material be rejected they will be removed from the site at the contractor's expense. All samples will be retained by the MPSEDC for

comparison with materials, which will be delivered to the site. Also contractor will be required to submit specimen finishes of colours fabric etc. for the approval of the MPSEDC before proceedings with the works. Should it be necessary to prepare shop drawings then four copies of such drawings shall be submitted for the approval of the MPSEDC who will return two copies all the contractor's expenses.

- x. Joinery is to be prepared immediately after the placing of concrete, framed up bonded and wedged up. Any portion that wraps or develops cracks or other defects is to be replaced before wedging up. The whole of the work is to be framed and finished in the proper and workmen like manner in accordance with the detailed drawings, with the required and fitted with all necessary metal tiles, straps, belts, screws give etc. running pounded joints are to be cross tongued. Joiner a work generally is to be finished with fine glass papered surfaces unless otherwise specified.
- xi. Should Joiners work open or other defects arise within the period stated for maintenance in the Contracts and the cause thereof be deemed to be due to unseasoned timber or fully or bad workmanship such defective joinery shall be taken down refitted redecorated and or replaced if necessary and any work disturbed shall be made good at the contractor's expenses.
- xii. The contractor shall be responsible for providing and maintaining any boxing or other temporary coverings required for the protection of dressed or finished work if left unprotected He is to clean out all shaving cut ends other waste from all parts of the works before infilling are constructed.
- xiii. Nails, spikes and bolts shall be of the best quality mild steel or wrought iron of length and wrights approved by the MPSEDC Nails shall comply with 1956-1960 or equivalent approved quality samples Bolts with BS 1494. All screws are to be brass and to comply with BS1210 size staples shall comply with BS1494 or equivalent.
- xiv. Timber is to be cut to the required size and lengths as soon as practicable after the work has begun and stored under cover so that air will circulate freely around it. Joinery is to be prepared immediately after the placing of the contract. Framed up (but not bonded) and stored until required for fixing in position when it is to be bonded and wedged up any portion that wrap up or develop shakes other defects are to be finished and framed in a proper and workmanship manner in accordance with the detailed drawings where required and fitted with all necessary metals, tiles, stripes, bolts, screw, etc. Running bonded jointers are to be cross tongues. Joiner's work generally is to be finished with fine glass papered surfaces unless otherwise specified.
- xv. Templates, boxes and moulds shall be accurately set and rigidly constructed to as to so remain accurate during the time they are in use.
- xvi. All unexposed surface of timber, e.g. false ceiling backing fillets bricks of doors frames Cupboard framing, ground etc. are to be treated with two coats of atlas or other equal and approve timer preservative or vacuum pressure impregnated with approved water soluble timber preservative the contractor should paint with two coats of fire retardant paint as

specified.

xvii. TERMITE TREATMENT TO TIMBER:

Woodwork including glazed T.W. windows, Plywood and any other wooden material to be used shall be treated before installation with an oil based preservative made up as follows:

Endosulphsn 35% EC Or Other chemical as approved by Govt., brand subject approval of MPSEDC	5 Litres
Kerosene	95 Litres
Total	100 itres

All timber and Plywood and other any material to be used in the work shall be impregnated in brush/suitable mode painting with one of the oil based preservative, before it is fixed in position by the Contractor in order to ensure complete penetration of the insecticide.

08. Change in specifications and extra items:

If there is any variation in specification for any change in make of item, then it has got to be approved from MPSEDC Ltd. prior to installation or execution and the financial effect, plus or minus, or impact shall be incorporated accordingly by MPSEDC Ltd. If any of the items to be executed is not included in the schedule of quantities, then the Contractor shall submit the rate analysis of the item specifying the actual cost of prevailing rates of material and labor and allowing 15 % to cover overhead and profit.

Deviations during execution:

The actual quantity of work may deviate during execution and extra items shall be paid only after approval of competent authority.

09. Work not specified in the Tender:

If for any work, no specification has been given in the tender document, then the work will be executed as per the IS specifications, and if the work is not covered by IS specifications then it should be executed as per standard engineering practice, subject to the approval of MPSEDC Ltd.

010. Testing:

The Contractor shall agree for testing works as mentioned in the specifications of various items of works involved in the project.

- a) If the various tests prescribed in the specifications at specified intervals for ascertaining the quality of the work done prove unsatisfactory, MPSEDC Ltd. shall have the authority to instruct the Contractor to re-execute the work done or make alterations.
- b) The Contractor shall furnish to MPSEDC Ltd., for approval adequate samples of all materials to be used in the works free of cost. Such samples shall be submitted before the work is commenced, giving ample time to permit the tests. All materials furnished in actual works shall be of the same quality of that of approved samples.

- c) If required, the testing of various materials to be used in the works shall be tested in standard laboratories as directed by MPSEDC Ltd. and the expenses incurred shall be borne by the Contractor.

011. Progress Report:

The contractor shall submit a detailed proposed work schedule within 10 days of issue of work order to MPSEDC Ltd. for their approval. The same shall be adopted for the execution of the project.

012. Liabilities for defects and rectification:

If it shall appear to MPSEDC that any work has been executed with imperfect or unskilled workmanship or with materials of any inferior description, or of quality inferior to that contracted for, or otherwise not in accordance with the contract, the Contractor shall on demand in writing from MPSEDC Ltd. or its representative specifying the work, materials or articles complained of notwithstanding that the same may have been inadvertently paid for. Forth with rectify or remove and reconstruct that work so specified and provide other proper and suitable materials or articles at his own charges and cost, and in the event of failure to do so within a period to be specified by MPSEDC Ltd. or its demand aforesaid, MPSEDC Ltd. may on expiry of notice period rectify or remove, re-execute the work at the risk of Contractor and the cost shall be recovered from the Contractor. The decision of MPSEDC Ltd. as to any question arising under this clause shall be final and conclusive.

013. Suspension of work:

The Contractor shall suspend the progress of work on receipt of the written order from MPSEDC Ltd. for any of the following reasons:

- a) On account of any default on the part of the Contractor.
- b) For execution of the works for reasons other than the default of the Contractor.
- c) For safety of the works.
 - (i) The Contractor shall during such suspension, properly protect and secure the works and carry out the instructions of MPSEDC Ltd.

If the suspension is ordered for the reasons **(a)** stated above, the Contractor shall not be entitled for extension of time and no compensation for damages etc. shall be admissible on account of suspension of work.

- (ii) If the progress of the work is suspended for the reason stated in **(b)** then the Contractor shall be entitled for the extension of time but the Contractor shall have no claim for payment of compensation for re-execution of faulty works.

014. Possession prior to completion:

MPSEDC Ltd. shall have the authority to take possession of any completed or partially completed works. Such possession shall not be deemed to be acceptance of any work completed in accordance with the contract; if such prior possession delays the progress of works then the adjustment in the time of completion shall be done accordingly. The decision of MPSEDC Ltd. regarding the extent of delay shall be final and binding.

015. Period of defect liability:

The defect liability period of the work shall be 12 (Twelve) months from the date of completion of the work as certified by MPSEDC Ltd. and this date will be as indicated in the provisional work completion certificate. If any damage or defect occurs in the work during this period then Contractor shall rectify the damage or defect at his own expense to the satisfaction of MPSEDC Ltd. If the Contractor fails to do so, then MPSEDC Ltd. shall have the authority to get the work done by other means and the expenditure incurred shall be recovered from the Contractor.

016. Care of Works:

From the commencement to the completion of works, the Contractor shall take full responsibility for the care of all works including all temporary works and in case any damage or loss occurs then the Contractor shall at his own cost repair and make good the same so that on completion of the work, the same shall be in good order in every respect in accordance with the contract and to the satisfaction of MPSEDC Ltd.

017. Architects Status And Decision:

The Architect shall be the MPSEDC representative during the work period. The Architect shall periodically visit the site to familiarize himself generally with the progress and the quality of the work and to determine in general if the work is proceeding in accordance with the contract document. During such visits and on the basis of his observations while at the site he shall keep the MPSEDC informed of the progress of the work, shall endeavor to guard the MPSEDC against defects and deficiencies in the work of the Contractor.

018. Decision:

Architect in consultation with MPSEDC may issue further drawings and or written instruction, details, directions and explanations, which are, hereinafter collectively referred to as "The MPSEDC / Architect's instructions in regards to:

- (a) The variation or modification of the design quality or quantity of works or the addition or omission or substitution of any work
- (b) Any discrepancy in the drawings or between the schedule of quantities and/or drawings and /or specification
- (c) The removal from the site of any defective material brought thereon by the contractor and the substitution of any other material thereof
- (d) The demolition removal and/or re-execution of any work executed by the contractor/s
- (e) The dismissal from the work of any persons employed thereupon
- (f) The opening up for inspection of any work covered up
- (g) The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the maintenance period (retention period)

The contractor shall forthwith comply with and duly execute any work comprised in such Architect's/ MPSEDC verbal instructions and verbal instructions, directions and explanations given to the contractor or his representatives upon the works by MPSEDC / Architect shall be confirmed later on in writing. No works for which rates are not specifically mentioned in the schedule shall be carried out without written permission of the Architects. Rates of items not mentioned in the priced schedule of quantities shall be fixed by clause "variation".

Regarding all factory made products for which ISI marked products are available, only products bearing ISI marking shall be used in the work. The ISI marked materials can also be subjected to test if asked by MPSEDC to do so.

THAT, all dues regarding taxes present or imposed in future, including the Sales Tax, Octroi duties, Royalties, and/or all such other taxes/fees levied on the Contractor's work by Government and/or Local Bodies will be payable by the Contractor, and the MPSEDC will not be liable to compensate the Contractor any expenses incurred by the Contractor on any such account/s.

G. PAYMENT

01. Schedule of Rates:

- a) The payments to be made to the Contractor for various items of works shall be as per rates quoted by the Contractor in the tender document.
- b) The rates quoted by the Contractor in the tender document shall remain firm till the completion of the work.
- c) The schedule of rates shall be deemed to include the cost of all royalties and fees for the articles and no extra payment for the same shall be given to the Contractor.
- d) The schedule of rates shall be deemed to include and cover the risks of all possibilities of delay and no extra payment shall be given to the Contractor for the work executed in the extended time period.
- e) The payment shall be made by the MPSEDC Ltd. after due scrutiny.

02. Measurement:

The measurements of the various items of the work shall be taken by the Contractor's authorized representative in presence of the MPSEDC authorized representative from time to time for maintaining the records and preparing the bills. If the Contractor fails to send his representative then the measurements taken by MPSEDC authorized representative shall be final and no claim shall be entertained.

03. Mode of Measurement:

All measurements shall be in the metric system and in accordance with IS specifications, as far as practicable, and in accordance with standard engineering practice. The measurements shall be taken jointly by the Contractor's representative and MPSEDC authorized representative. If the Contractor has any objections regarding the measurements then he shall inform MPSEDC Ltd. immediately. The decision given by MPSEDC Ltd. shall be final and binding on the Contractor. IS 1200 shall be followed for method of measurement.

04. Billing

The running account bills to be submitted by the Contractor should be in the proforma approved by MPSEDC Ltd., giving abstract and detailed measurements of various items of Works executed and material brought by the Contractor for execution of work. All certified bills shall be paid within 30 days from the date of

receipt of duly verified bills. All statutory deductions shall be made as per rules and regulations. No interest will be paid in case delay of payments.

05. Lump sums in Tender:

For the items in tender where it includes lump sums in respect of parts of works, the Contractor shall be entitled to payment in respect of the items at the same Rates as are payable under this contract for such items. If in the opinion of MPSEDC Ltd., any part of the work is not susceptible to measurement, MPSEDC Ltd. may at its discretion pay the lumps amount for the work and the decision of MPSEDC Ltd. shall be final and binding on the Contractor.

06. Running Account Payments to be regarded as advances:

- a) All running account payments shall be regarded as payments by way of advances against the final payment only and not as payment for work actually done and completed, and shall not preclude the requiring of bad. unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the performance of the contract or nor shall it, conclude, determine or affect In any way the powers of MPSEDC Ltd. under these conditions or any of them as to the final settlement of the accounts or otherwise, or in any other way vary or affect the contract. The Contractor should submit the final bill along with final consolidated measurement within one month from the date of physical completion of the works.
- b) Payment against material supply: Advance payment can be released against material supply at site, at the discretion of MPSEDC Ltd. The payment shall be treated as running account payment against part completion of work. The amount of advance paid against supply of material shall be limited to 75% of the cost of material. The contractor will have to submit copies of challans & bills of the material against which advance is desired. The advance payment against material supply shall be limited to high value items only.

07. Payment of Contractor's Bills:

The payment due to the Contractor shall be made only in Indian Currency by way of Crossed Account Payee Cheques or on-line and shall be subject to Income tax deduction at source at the rates prescribed by law. In no case, will MPSEDC Ltd. be responsible if the cheque is mislaid or misappropriated by unauthorized person. In all cases, the Contractor shall present his bill duly pre-receipted with proper revenue stamp. Wherever any claim for the payment against the Contractor arises as per the contract, the same may be deducted from the bill of the Contractor or from his security deposit. MPSEDC Ltd. reserves the right to carry out post payment audit and technical examination of the bills and work executed including all supporting vouchers etc. MPSEDC Ltd. further reserves the right to enforce recovery of over-payment when detected. Similarly, if any underpayment is discovered, the amount shall be paid to the Contractor.

08. Provisional Work Completion Certificate:

When the Contractor successfully completes the works as per the contract, he shall be eligible to apply for provisional completion certificate in respect of the works. MPSEDC Ltd. shall issue to the Contractor the provisional work completion certificate after verifying from the completion documents and satisfying himself that the work has been completed in accordance with the construction drawings

and the contract document. The Contractor, after obtaining the provisional work completion certificate, is eligible to present the final bill for the work executed by him under the terms of the contract. The work will not be considered as complete and taken over by MPSEDC Ltd. until the entire temporary Works, labor hutment etc. are removed and the work site cleared to the satisfaction of MPSEDC Ltd. If the Contractor fails to comply with the requirements of the above on or before the date for the completion of the works, MPSEDC Ltd. may, at the expense of the Contractor, remove the tools and plants and surplus materials and dispose off the same and the Contractor shall pay the amount of all expenses incurred.

H. LABOUR LAWS AND SAFETY REGULATIONS

01. Labor Laws

- a) Labor below the age of 18 years should not be employed on the work.
- b) The Contractor shall not pay less than what is specified in the law to Laborers engaged by him on the work.
- c) The Contractor shall, at his own expenses, comply with all labor laws. In addition, MPSEDC Ltd. shall not be responsible for any recovery/penalty imposed by the respective authorities for violating the labor laws.
- d) If the Contractor is covered under the Contract Labor (Regulation and Abolition) Act, he shall obtain a license from the licensing authority (i.e. the office of Labor Commissioner), by payment of the necessary prescribed fee and deposit, if any, before starting the work.
- e) The Contractor shall furnish to MPSEDC Ltd. the details of the workers employed on the works.
- f) The Contractor shall comply with the provisions of the existing rules and regulations relating to labor laws.
- g) MPSEDC Ltd. shall on a report having been made by an inspecting officer as defined in Contract Labor (Regulation and Abolition) Act, 1980, have the power to deduct from the amount due to the Contractor any sum required or estimated to be required for making good the losses suffered by a worker or workers by reason of non-fulfillment of the conditions of the contract or the benefit of the workers, or if deductions made from his or their wages which are not justified by the terms of contract or non-observance of the said regulations.

02. Safety and Protection

The Contractor shall adhere to safe engineering practice and guard against hazardous and unsafe working conditions. While carrying out the work, the Contractor should provide for:

- a) Safety of personnel engaged in the electrification and erection
- b) Protection and safety of works and materials during their progress.
- c) Clean and hygienic conditions of working and living for his workers, as required by MPSEDC Ltd.

03. First Aid

The Contractor shall provide first aid facilities for his employees and those of his sub-contractors.

04. Contractor's Barricades / safety and danger boards

The Contractor shall erect and maintain barricades, safety, and danger boards required about his operations to guard or protect

- a) Excavations
- b) Charged electrical panels and system areas
- c) Areas adjudged hazardous by the Contractor or MPSEDC representatives.

05. Preservation of peace

The Contractor shall take precautions to prevent any riotous or unlawful behavior by his workers, for the preservation of peace and protection of inhabitants and the security of property in the neighborhood of the work.

INDICATIVE LIST OF APPROVED MAKES AND SPECIFICATIONS

S. No.	Item(s)	Approved Make/Model
1	Glass	- Saint Gobain, Modi Guard, Asai
2	Aluminum Sections	- Hindalco, JINDAL, MAN
3	Paints	- Asian Paints, ICI, Nerolac, Berger
4	Water proof cement paint	- Snowcem India Ltd, Birla
5	White Cement	- Birla, JK
6	Gypsum board.	- India Gypsum Ltd, Boral Plaster Board/ Lafarge
7	False ceiling members	- Gyp Steel of India Gypsum Ltd/ Lafarge
8	Laminate	- Greenlam, Merino, Sun mica, Century
9	Ply Board/ Plywood	- Duro, Green, Century, Merino, Archid ply,
10	Wires (Frls)/cables	- Polycab, Finolex, RR
11	Switch/socket	- MK wraparound, North West stylus
12	Light fitting	- Wipro, Philips, SSK, Havells
13	Mcb, Mccb, Elcb	- Legrand, L & T, Siemens, North West
14	Switchgear equipments	- L & T, Siemens, Havells
15	Conduit (pvv)	- Polycab, Akg, Precision
16	Wall Fans	- Usha, Crompton, Havells, Bajaj
17	Data Cable, IO	- Molex, Belkin, AMP
18	Hardware	- Godrej, Ebco, Kich, Hardwyn
19	Blinds	- Vista, Mac.
20	Air conditioners	- Carrier/Voltas/Blue Star/OGeneral
21	Modular Furniture	- Godrej, Wipro, Fetherlite, Spacewood, Bonton Methodex
22	Flooring	- Kajariya, Nitco, Johnson
23	UPS	- Numeric, APC, Eton, Rocket, Uniline,
24	Batteries	- Exide, Amron, Amar Raja, Okaya, Bosch
25	Acoustic Panel	- Armstrong, Anutone or equivalents

Note: All material to be stamped ISI / ISO certified. The List of material recommended above is indicative. However if due to non-availability or any other technical reasons, the alternative equivalents make may be allowed, it shall be duly approved by MPSEDC before execution

ARTICLES OF AGREEMENT

ARTICLES OF AGREEMENT made the.....day of.....between the MPSEDC having its office at Bhopal (here-in-after called "the MPSEDC") of the one part and.....(here-in-after called "the contractor") of the other part.

WHEREAS MPSEDC is desirous of contacting the **Shifting and New Infrastructure Development Including Interior, Furnishings, Electrical & Ac Works for VC Rooms in District Head-Quarters of MP**. (Hereinafter called 'the work')

And has caused drawings, specifications and Bills of quantities describing the works prepared by **M/s VS Vaswani Architect Pvt Ltd**, Indore (MP) 452001, for the project hereinafter called the '**Architect**'. The execution of the Project is to be done under the instruction of MPSEDC and Architect.

AND WHEREAS the Contractors has agreed to execute upon and subject to conditions set for the in General Special Conditions and in the Schedule of Quantities and Conditions of Contract (all of which are collectively here-in-after referred to as "the said conditions") the works shown upon the said drawings and/or described in the said specification and included in the Schedule of quantities at the respective rates therein set forth amounting to the sum as therein arrived at or such other sum as shall become payable there under (here-in-after referred to as 'the said Contract Amount')

NOW IT IS THEREBY AGREED AS FOLLOWS:

In consideration of the said contract Amount to be paid at the times and in the manner set forth in the said conditions the Contractor shall upon and subject to the said Drawings and described in said specification and the Schedule of Quantities.

The MPSEDC shall pay the Contractor the said Contract amount, or such other sum as shall become payable, at the times and in the manner specified in the said conditions.

The said conditions and annexure and appendix thereto shall be read and construed as forming part of this Agreement, and the parties hereto shall respectively abide by, submit themselves to the said conditions and perform the agreements on their part respectively in the said conditions contained.

The plans, agreements and documents mentioned herein shall from the basis of this contract.

This contract is neither a fixed lump sum contract nor a piece work contract but is a contract to carry out the work in respect of the entire project to be paid for actual measured quantities at the rates contained in the Schedule of Rates and Probable quantities or as provided in the said conditions.

The Contractor shall afford every reasonable facility for the carrying out of all works relating to civil works, installation of sanitary work and fittings, permanent water supply, electrical installation, fittings, fire fighting, lifts, telephone, air-conditioning and other ancillary works in the manner laid down in the said conditions, and shall make good any damages done to walls floors, etc., after the completions of such works.

MPSEDC reserves to itself the right of altering the drawings and nature of the work by adding to or omitting any items of work having portions of the same carried out without prejudice to this contract.

Time shall be considered as the essence of this contract and the Contractor hereby agrees to commence the work soon after the site is handed over to him or from day after the date of issue of formal works order as provided for in the said conditions whichever is later and to complete the entire work within 06 months subject nevertheless to the provisions for extension of time.

All payment by the MPSEDC under this contract will be made only at Bhopal.

All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at Bhopal and only courts in Bhopal shall have jurisdiction to determine the same.

That the several parts of this Contract have been read by the Contractor and full understood by the Contractor.

Signature

(Name, Designation and seal of MPSEDC Authority)

Signature

(Name Designation and seal of contractors)

Presence of (1)

(Signature Name and Address)

Presence of (1)

(Signature Name and Address)

ANNEXURE - A

DETAILS OF DIRECTORS / PARTNERS

S. No.	Name of Partners/Directors	Academic Qualifications	Official Designation	Address/ Phone / Fax / Mail ID
1.				
2.				
3.				
4.				
5.				

DETAILS OF REGISTRATIONS & CLEARENCS

S. No.	Name of Organization / Dept.	Registration no.	Year of registration	Enclosed proof (mark "✓" to check)	
				Yes	No
1	Registrar Firms & societies				
2	Income tax department (mention PAN no. with copy of latest ITCC)				
3	GST(Copies of GST clearance certificate to be enclosed)				
4	Details of EPF account & registration				

DETAILS OF REGISTRATIONS & EMPANELMENTS WITH ORGANIZATIONS

S. No.	Name of Organization / Firm	Registration status	Year of registration	Enclosed proof (mark "✓" to check)	
				Yes	No
1.					
2.					
3.					
4.					
5.					

DETAILS OF WORK EXPERIENCE OF BIDDER IN COMPLETED WORKS

S. No.	Name of work	Cost of project	Name of organization, address & ph. No.	Project status		Enclosed proof as certified copies of (mark "✓" to check)
				Scheduled completion period and date of start	Actual completion period and date of completion	
1.						
2.						
3.						
4.						

DETAILS OF WORKS IN PROGRESS OF THE BIDDER FOR THE WORKS
OF SIMILAR NATURE

S. No.	Name of work	Cost of project	Name of organization, address & ph. No.	Project status		Enclosed proof as certified copies of (mark "✓" to check)
				Scheduled completion period and date of start	Expected completion period and date of completion	
1.						
2.						
3.						
4.						
5.						

Note:

- 1 Use copy of the above format if required for more details.
- 2 Details with photographs of works IN PROGRESS be enclosed

Total no. of enclosures: ___ nos.

PART-2

FINANCIAL BID

Technical Specification

<u>SR.NO</u>	<u>ITEM TYPE</u> <u>(SOR/NON-SOR)</u>	<u>DISCRIPTION</u>	<u>QTY.</u>	<u>UNIT</u>
-	<u>SOR</u>	<u>FALSE CIELING</u>	-	-
1	12.64	Providing and fixing of Glass fiber Acoustical Suspended Ceiling System with 16mm thick tegular edge tiles sqm 2461.00 2214.90 of size 595x595mm as approved by Engineer-in-charge, in true horizontal level suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gsm/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, wherever, required, cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27x37x25x1.6 x mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85x30x0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications drawings and as directed by Engineer-in-charge. The tiles should have Humidity Resistance (RH) of 99%, NRC 0.5, Light Reflectance ≥83%, Thermal Conductivity k	117.28	SQM

		<p>= 0.052 - 0.057 w/m K, Colour White, Fire Performance UK Class 0 / Class 1 (BS 476 pt - 6 and7) in module size of 600 x 600 x 16mm with Bio Block coating on the face of the tile, suitable for Green Building application, with Recycled content of 38 - 41%. The Tile and Grid system used together should carry a 15 year warranty.</p>		
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	12.49	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts and bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm or both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with</p>		
2	12.49.1	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I.	90.89	SQM

3	9.147	<p>Providing and Installation of acoustical wall panelling fabric finish hardened square edge, FR grade fabric (colour as approved by Engineer in charge) wrapped soft fibre core (glass fibre) panel of size 600x2100x25mm having density 100- 120Kgs/ m³, weight 3.0kg/m² NRC up to 0.9 installed by using impaling clip. Impaling clips are attached directly to the wall/frame work with the points extending outward . Then panels shall positioned and pressed into place .</p>	71.04	SQM
4	9.154	<p>Providing and installation of acoustic panneling consisting of stretch NRC by using FR grade NRC fabric of size 1700mm width ,shall be stretched by using wooden base 10mm thick , rigid vinyl stretch tracks half wrap/full wrap 25mm and midseam 25mm , strand , synth pf with requisite accessories and tools . wooden based 10mm first installed on the wall along the marking lines with metal fasteners at 300mm centres. tracks to be installed on wooden base , by using Base by using base type (by removing the protective covers) for a true and continuous secure grip, and heavy duty fasteners at 15mm centers on one /both sides of stretch Tracks, strand square edge magnesite bonded wood fibers panels of sizes 600X1200x15mm having density 400kg /m³, weight 4-8kg which is fixed to wall synth PF 10X 10mm thick adhered on strand panels by using stick 7 adhesive fabric of width 1700 mm is then aligned to the stretch tracks by following the fabric thread line or pattern, the fabric is struck on the align tape (by removing the protective covers) at the same time as being stretched and tucked in to the stretched tracks and secure in to the locking jaws so that it will be smooth free of wrinkles, with tucking tools . NOTE minimum 50mm additional fabric is required for tucking hence maximum module width would be 1600mm.</p>	142.08	SQM

5	9.148	Providing and installation of acoustical wall panelling wood finish Slats made out of HDF board, Melamine/ veneer laminated finish, perforated wooden grooved slats (2mm grooves @ 8mm centers)/ (2mm Slats @16mm pitch) / (2mm grooves @ 32mm centers) / (2mm grooves @ 64mm centers), backlined with black acoustical fleece, tongue-groove edge for a seamless look, FR grade, of lineal dimension size 128mm x 2440mm x 16mm thick having density 1000Kg /m3, weight 12.8Kgs/m2 installed by using GI strut system. The GI strut system includes GI Cross channel having thickness 0.45mm, length 3600mm, knurled web 40mm, depth 10mm and equal flanges 15mm is fastened vertically/horizontally at every 600mm centers. Aluminium core cross channel having thickness 0.5mm, length 2400mm, web 15mm and 27mm, depth 18mm and flanges of 7mm with suitable edge and centre brackets is then fixed perpendicular to the cross channel with the help of fasteners at every 400 mm centers. Contractor to Provide expansion joints of 3mm at every 5mts bothways.	10	SQM
-		<u>DISMANTLING</u>		
6	15.6 15.6.3	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per director of Engineer-in-charge.	4	CUM
	15.7 15.7.2	Removing mortar from bricks and cleaning bricks including stacking within 50 meters(stacks of cleaned shall be measured:		
7		From brick work in cement mortar	2	NO
	15.11	Dismantling tile / Kota stone / Marble / Granite work in floors/walls and roofs laid cement mortar including stacking within 50 meters		
8	15.11.2	For thickness of tiles above 25mm and upto 40 mm	100	SQM
9	15.48	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50meters lead.	100	SQM

	15.14	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :		
10	15.14.1	Of area 3 sq. metres and below	10	Each
		PAINTING		
11	13.41	(1)Providing & applying Birla/JK Wall care exterior/ interior mix putty of average 1mm thickness for outer surface i/c sand pappering for making the surface smooth for applying any or vinyl paint with all cost of material, Labours and scaffolding etc. in all position, levels and floors complete .	346.32	SQM
12	15.52.2	(2)Wall painting with premium acrylic emulsion paint of interior grade, having VOC(Volatile Organic Compound) content less than 50 grams/litre of approved brand and manufacture, including applying additional coat where ever required to achieve even shade and colour min of Two coat up to satisfaction of Architect/PMC/Engineer Incharge at all level and floors including scaffolding etc complete.	346.32	SQM
		BRICK WORK & PLASTER		
13	6.4.1	Brick work with well well burnt chimney bricks in bull pattern trench kiln , crushing strength not less than 20% in super structure above plinth level and up to Two level I/c curring etc complete cement mortar 1:4 (1 cement : 4 sand)	10	CUM
14	13.2.1	15mm Thick plaster on the rough side of single or half brick wall of mix 1:4 cement mortar (1cement :4Sand)	100	SQM
15	13.14	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers	6	per bag of 50kg cement used in the mix
		FLOORING		

	11.92	Providing and laying vitrified floor tiles Full Body Homogenous Body mat/rustic finish in different size with water absorption less than 0.05% and conforming to IS: 15622 of approved make in all colours & shades, 1st quality/premium in skirting, riser, laid on 20 mm thick cement mortar 1:4 (1 cement:4 sand) including grouting the joints with white cement and matching pigments etc. complete for indoors.		
	11.92.2	In dark colours and shades etc.		
16	b	(c) Size 600x600 mm thickness 15-16 mm (for heavy duty indoor areas of non residential buildings only such as schools. Hostels, Libraries, hospitals, institutions, offices etc.	208.17	SQM
17		Skirting	11.54	SQM
18	11.62	Deduct for not using 20mm thick cement mortar 1:4 (1 cement : 4 sand) bedding in laying of floor tiles.	208.17	SQM
19	11.63	Fixing glazed/ Ceramic/Rectified/ Vitrified floor tiles with cement based high polymer modified quickset tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	208.17	SQM
	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.		
20	11.22.3	Cuddpah stone(FOR STORE)	10	SQM
		ALUMINIUM SECTION		

	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be		
	21.1.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber /neoprene gasket required (Fittings shall be paid for separately).		
21	21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15)	20	KG
22	21.18	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top bottom pivot spring type fixing arrangement and making necessary holes including providing and fixing top bottom pivot spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-incharge .	12.25	SQM
		SHUTTERS		
23	9.135	Providing and fixing cup board shutters 25mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked exterior grade (Grade I Type II) having one side decorative lamination and other side balancing lamination including IInd class teak wood lipping of 25mm wide x12 mm thick with necessary screws and bright	9.66	SQM

		finished stainless steel piano hinges complete as per direction of the Engineer-in-Charge		
24	9.75	Providing and fixing 50 mm Stainless steel cup board or wardrobe knob with necessary screws (best make of approved quality)	12	Each
	9.66	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete :		
25	9.66.4	100x10 mm	12	Each
	9.68	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :		
26	9.68.1	250x20x6 mm	10	Each
	9.18	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or equivalent make.		
27	9.18.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	4.2	SQM
		PARTITION		

	9.141	<p>Providing and fixing partition upto ceiling height consisting of G.I. frame and required board including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm (both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corner (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.</p>		
28	1.41.4	<p>66mm overall thickness partition using 8mm thick double skin non- asbestos multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screw.</p>	24	SQM
	NON SOR			

29	SOFT BOARD	Providing and fixing of 19mm plywood of given size according to the design. apply 12m soft board on the ply using glue and fixing of red / orange/ maroon coloured velvet cloth and fixed edges with 15mmx15mm teakwood moulding. moulding to be finished with painted polish with melamine. provide softboard pins and hanging hinge for hanging if required.	20	SQM
30	STORAGE UNITS 1800x450 x750,	Overall Size: Width 1800mm X Depth 450mm X Height 750mm. Top Made of 25mm thick PLPB Board Duly Post Formed By 0.6mm The Shutter of Cupboard shall the overall appearance of ht e Product shall be as Photograph , AS APPROVED BY ARCHITECT T	2	NO
31	VERTICAL BLINDS	Providing & Fixing Vertical Blinds of Dustguard Classic range with 5mm high x 50mm and 100mm wide 1.2mm thick walls of alluminium alloy head rail with 3.5:1 planetary reduction gear box (end control unit) with plastic tilting chain, tilt rod runners with firm and gear mechanism with 180 degree rotating louvers with approved shades by Architect/Consultant protected by dust guard. Fabric protector of VISTA LEVOLOR make with matching balance of same fabric on channel. The measurement shall be considered as per plan area of the window/ opening / partition only and measurements of Air conditioners will be deducted.	10	SQM
32	CHAIRS	Size- H: 1225mm, D-.875mm, W-.625mm. 5-Prong nylon base for stability. Twin Wheel heavy Duty Castor for easy mobility under load. Seat Hot pressed ply wood with steel T-Nuts for rigid fastening with PP cover. Back is glass filled Nylon fitted with Mesh Cloth. Sturdy steel column gas lift for center support and seat height adjustment. Telescopic ABS cover over steel column. synchrony tilt mechanism, with Single piece die castes PP arm rest adjustable with PU pad. Quality tapestry. High density Moulded PU cushion. Upholstery 0.85 Mtr. Over all appearance of product as shown in picture.	6	Each

33	CHAIRS	Specification-Size-H:960mm, D-540mm, W-563mm. 5-Prong nylon base for stability. Twin Wheel heavy Duty Castor for easy mobility under load. Seat Hot pressed ply wood with steel T-Nuts for rigid fastening with PP cover. Back is moulded with stitched Mesh Cloth. Sturdy steel column gas lift for center support and seat height adjustment. Telescopic ABS cover over steel column. Lockable synchrony tilt mechanism and with Single piece Die castes PP arm rest.. Quality tapestry. High density Moulded PU cushion. Upholstery 0.50 Mtr. Over all appearance of product as shown in picture.	54	Each
34	SOFA	Specification- Size-H-700 mm, L-1290 mm, D-800 mm. Structure made of treated agro wood, fitted with 50mm wide rubberized belts 50mm wide with high density PU foam as per design, Upholstered with premium quality PU cloth with help of stitching, where ever necessary.m	8	Each
35	Wooden Corner TABLE	Size: Length: 600mm, Width: 600mm, Height: 450mm. Under Structure made of MS cold rolled close annealed tube 1.2 mm thick, duly powder coated after anti corrosion treatment of surface. Top Made up from 18mm Prelaminated Particle board/ 12mm clear float glass.	4	Each
36	Wooden Centre Table	Size: Length: 900mm, Width: 600mm, Height: 450mm. Under Structure made of MS cold rolled close annealed tube 1.2 mm thick, duly powder coated after anti corrosion treatment of surface. Top Made up from 18mm Pre-laminated Particle board/ 12mm clear float glass.	2	Each
37	Conference Room Table 5800x1600x750 m m, Veneer Finish	Conference Table overall size- Length-5800mm x Width-1600/600mm x Height-750mm, Table made up of 25mm thick veneer finish particle board, Both side veneer finish 18mm and 25mm thick particle board. Top made of both side venner finish 25mm thick particle board havind edge effect of 36mm thick. Legs made of 25mm thick veneer finish particle board. Front Modesty made of 18mm thick veneer finish particle board.	2	Each
38	FLIP BOX	Providing and fixing flip box	10	Each
39		Providing and fixing name plates	2	Each

	NAM PLATE			
40	SPEAKERS	Providing and fixing ceiling mounted recessed speakers of 150 mm dia of approved make	10	Each
	SOR			
		Point Wiring (excluding metallic switchbox & sheet but including switches, sockets, lamps, holders, ceiling roses etc) with 1.5 Sq. mm PVC insulated cables FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI Marked of suitable size and 1.5 sq. mm PVC insulated copper earth continuity conductor of green colour conduit etc. as per required as per specification for :-		
		SOR Item No. 4.1 page-11		
	4.1	Light Point/Fan Points.		
41		a) Short Point	4	Each
42		b) Medium Point	24	Each
43		c) Long Point	24	Each
	4.2	3 Pin 6 Amp socket outlet on Separate Board		Each
		SOR Item No. 4.2 page-11		
44		a) SHORT POINTS,	14	Each
45		b) Medium Point Point	12	Each
46		c) Long Point	8	Each
47	4.5	Point wiring (excluding metallic switch box & sheet but including switches, sockets) for 3 pin 6 Amp. Socket outlet point with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials as per Specification on same board .	60	Each
	4.6	Wiring for circuit wiring with PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS)		

		of ISI marked suitable size etc. as required as per specification.		
48		a) 2x2.5 Sq. mm.	60	Meter
49		b)4x2.5 Sq. mm.	44	Meter
50		c) 6x2.5 Sq.mm.	30	Metre
51		d) 8x2.5 Sq.mm.	30	Metre
	9.1	Point wiring (excluding metallic switch box & sheet) for 3Pin 16 Amp. Socket Outlet Point With 4 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in Concealed rigid P.V.C Conduit (HMS) ISI Marked of suitable size etc. with 16 Amp. F.T. Switch &Socket / S.S.Combined 6/16 Amp. of ISI Marked and 4 Sq.mm. PVC insulated copper earth continuity conductor of green colour inside conduit as per specification for		
52		B. Medium Point	2	Each
53		C. Long Point	6	Each
54		D. Extra Long-1	2	Each
55		E. Extra Long-2	2	Each
56		F. Extra Long-3	6	Each
57	9.2	Same board switch socket 6/16 Amp	2	Each
	16	Supplying and fixing PVC conduit ISI marked along with the accessories in concealed system etc. as required		
58	16.2	PVC . Conduit 25 mm (HMS)	750	Meter
	18.2	Supplying and fixing of approved make modular type metal box with modular frame/base plate and cover plate including fixing in concealed / surfaced excluding switch, socket etc. as required for:-		
59	18.2.1	1 or 2 Module	60	Each
60	18.2.2	3 Module	24	Each
61	18.2.4	6 Module	64	Each
62	18.2.5	8 / 9 Module	4	Each

63	18.2.6	12 Module	8	Each
64	18.2.7	18 Module	4	Each
	19	Supplying and drawing single core PVC insulated cable FR with copper multi strand conductor ISI marked in existing rigid PVC Casing-N-Caping/Conduit in surface or concealed as per specification.		
65	19.1.3	© 3X1.5 Sq. mm.	50	Meter
66	19.2.1	(a) 1X2.5 Sq. mm.	418	Meter
67	19.3.3	(c) 3 X 4.00 sq mm	40	Meter
	21	Wiring for sub-mains with PVC insulated cable FR with copper multi strand conductor ISI marked in recessed / concealed rigid steel ISI marked conduit of suitable size(Conduit included) including accessories long neck threaded type, connection painting etc ,as required as per specification		
	21.4	4 WIRE SUB MAIN		
68	21.4.3	6.0 sq mm cable in 25 mm conduit	20	Metre
69	21.4.4	10.0 sq mm cable in 25 mm conduit	20	Metre
	27.1	Supplying of ISI Marked and approved make of Moulded Case Circuit Breaker (MCCB) suitable for 3 phase,3 pole, 50 Hz, 415 Volts, AC supply with respective interrupting capacity (KA) at 415 Volts cited against their range standard conforming to IS – 8828		
	27.1.2	MCCB with Breaking Capacity 25 KA at 415 V		
70	27.1.2.1	Current Rating -25 to100 Amps & 80% -100% adjustable	2	Each
	27.5	Supplying of ISI Marked and accepted standard of Miniature Circuit Breaker (MCB) of 'C' series suitable for 240/415 Volts, 50 cycle , 10 kA Value AC supply confirming to IS : 8828 : 1996, IEC : 60898:2002 but without enclosures :-		
	27.5.1	SINGLE POLE (SP)		
71	27.5.1.2	6 Amp to 32 Amp Rating	72	Each
	27.5.2	SINGLE POLE & NEUTRAL(SPN)		

72	27.5.2.2	6 Amp to 32 Amp Rating	10	Each
	27.5.4	FOR TRIPLE POLE (TP)		
73	27.5.4.3	For 40 Amps. Rating only.	4	Each
74	27.5.4.4	50 Amp to 63 Amp Rating	4	Each
	27.5.5	FOR TRIPLE POLE & NUETRAL (TPN)		
75	27.5.5.3	For 40 Amps. Rating only.	4	Each
76	27.5.5.4	50 Amp. To 63 Amp Rating	2	Each
	27.8	Supply of approved make TPN MCB DB Metal Double Door IP 43 protection with provision for FP MCB/Isolater/RCCB/RCBO as incomer and SP MCBs as outgoing inclusive of Bus bar, Neutral bar, Earth bar & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolater) :		
77	27.8.2	4 way (8+12)	6	Each
	27.1	Supplying of approved make, powder coated Metal Double Door Vertical TPN MCB DB IP 43 protection with provision for MCCB up to 160A TP/ FP 36kA as incomer and space for SP/TP MCBs as outgoing (without MCCB / MCBs) inclusive of bus bar & connections etc		
78	27.10.1	4 Way without MCCB	2	Each
	27.12	Supplying & fixing of approved make Industrial type metal plug & socket DBs (without MCB) SPN sheet encloser (dust protected) inclusive of 2 pole and earth metal plug and socket and space to incorporate SP MCB complete as per specification as required.		
79	27.12.2	20 Amps	10	Each
	28.4	Fixing of MCB/MCCB/ Isolater in sheet steel enclosure as required as per accepted practice, including mounting on bus bar and cable connection etc. complete (Labour only)		
80	28.4.1	MCB/Isolater SP /DP	82	Each
81	28.4.2	MCB/MCCB Isolater TP/TPN/FP	16	Each
	28.7	Labour charges for fixing sheet steel encloser, MCB DB flush mounting type, as per accepted practice, duly embedded and end plate		

		completely flushed in wall, cable connection etc. complete:-		
		FOR S. No. :-		
82	28.7.1	27.7.1 to 27.7.7 ; 27.8.1 to 27.8.3 & 27.9.1	8	Each
	29.31	Supplying and Fixing of approved make step type Modular electronic Fan regulator including connection etc. as required on existing board		
83	29.31.2	100 Watt (2 Module)	16	Each
	30.1	Supplying, erection and testing of approved make electric Ceiling fan of double ball bearing complete with standard down rod, canopy, hanging shackle, Aluminium blades,without regulator, A.C. 230-250 volts including connections with all necessary material complete of approved as required confirming to IS : 374/1979 with up to date ammendments.		
84	30.1.1	Ceiling Fan (5 star & ISI)-1200 mm Sweep	16	Each
	31.24	Supply and fixing of recessed mounting type Led light fixture, LED of 1 to 3 W each assembled on single MCPCB, having color temp 6500K & having 50000 burning hrs life with minimum @ L 70, system lumen output should be minimum with efficacy>80lm/W. LED driver, PF 0.95 & THD < 20%. The colour rendering index of LED light should be more than 70. Housing made of CRCA with glare free diffused polycarbonate cover. Submission LM 80-08 Form LED Source Manufacturer & LM79-08 / IS16106 from NABL approved lab. Manufacturer manadatory i/c connection wire, testing etc. to complete the job. 2 Yrs Guarantee certificate from manufacturer.		
85	31.24.2	Led luminiare 2' X 2', 36W, 4-6.5K	32	Each
	32.13	Providing and fixing wooden board of suitable size (maximum 12" X 18") for fixing of house service Metre with necessary materials and connection testing etc. complete as per specification :		
86	32.13.2	Three phase Meter	2	Each

87	38.9	Supply, Installation testing and commissioning RJ- 45 Computer Jack cat6 with shutter Modular(1 Module)	42	Each
88	38.11	Suppling and drawing 4 pair shielded, 0.5 mm PVC.Insulated copper conductor un-armoured Cat-6 computer cable FR in existing surface / concealed ,steel / PVC. Conduit/Casing- Ncapping as required.	600	Mtrs
89	37.3	Earthing with G.I. Earth plate 600mm X 600mm X 6mm thick including accessories and providing masonry encloser in cement mortor, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 Metre long etc. (but without charcoal or coke and salt complete as required.	4	Each
90	37.4	Earthing with Copper Earth plate 600mm X 600mm X 3mm thick including accessories and providing masonry encloser in cement mortor, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 Metre long etc. (but without charcoal or coke and salt) complete as required.	2	Each
91	37.5.1	Add Extra for using salt and charcoal / coke for G.I. Plate or Copper plate earth electrode as required includingexcavation & refilling.	6	Each
92	37.6	Supplying and laying 8 SWG (4 mm) copper wire at 0.5 Metre below ground level as conductor earth electrode including soldering etc. as required.	50	Meter
93	37.7	Supplying and laying 6SWG (5.6mm) G.I. wire at 0.5 Metrebelow ground level as conductor earth electrode including soldering etc. as required.	80	Meter
94	37.1	Providing & fixing 25mm X 5mm copper strip in 40mm dia G.I.pipe (B class) from earth electrode as required.	12	Meter
95	37.11	Providing & fixing 25mm X 5mm G.I.strip in 40mm dia G.I.Pipe (B class) from earth electrode as required.	6	Meter
96	37.14	Providing & fixing 25mm X 5mm copper strip on surface or recessed for connection etc. as required.	40	Meter

97	37.15	Providing and fixing 25mm X 4mm G.I. strip on surface or in recessed/concealed for connection etc. as required.	30	Meter
	38.2	Supplying and drawing following pair of 0.5 mm size solidannealed copper conductor PVC Insulated telephone cables per DOT Specifications in existing surface / concealed steel / PVC Conduit / Casing-N-Capping as required.		
98	38.2.2	(ii) 2 Pair	60	Meter
99	38.6	Supply, fixing and testing of RJ 11 telephone jack modular (1 Module)	4	Each
	41.1	Supply of XLPE Insulated power cable (confirming IS-7098 Part-I) 1100 Volt grade, 1 core /2 core /3½ core/4 core ISI MARKED with Alu. Stranded /solid conductor		
	41.1.10	4 CORE Armored		
100	41.1.10.3	16 Sq.mm	60	Meter
		BRASS COMPRESSION GLAND		
	41.5	Supplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, Rubber ring complete erected with cable and lead connection etc. as per specification complete.		
101	41.5.3	Gland size 28mm for 3/4 x 16 Sq.mm	4	Each
	41.7	Supplying and fixing cramping type Alum. lugs as per I.S.S. Specification suitable for following size of cable with Alu. /Copper solid/stranded conductor evenly cramped with high/pressure tool and connected to switch gear/Bus/M.C.C.B./ M.C.B. etc. as required complete		
102	41.7.1	6mm to 16 Sq.mm	20	Each
103	41.15	Laying of one number armoured / unarmoured power cable 1.1kV grade of size not exceeding 25 Sq.mm direct in ground including excavation in all soil / murrum / soft rock, sand cushioning, protective covering and refilling the pit etc. as required.	60	Meter

104	Non-sor	Supply installation and testing of 8 Port Managed Network Switch Mounting in Rack with all accessories etc as required.	2	Each
105	Non-sor	Supply Installation testing & commissioning of 5 KVA UPS & Battery bank 3 ph input & 1 ph output with 30 min back up time complete with all necessary material as required etc.	2	Each
106	Non-sor	Shifting , Installation testing & commissioning of old 5 KVA UPS & Battery bank 3 ph input & 1 ph output with 30 min back up time complete with all necessary material as required etc.(From existing additional VC Room to New Proposed VC room)	2	Each
	SOR	Airconditions		
	46.1	Supply, Installation, Testing & Commissioning of split type wall mounted Air conditioning unit of following capacity including indoor , out door unit fitted with inverter based rotary compressor , copper condenser and first charge refrigerant R410A . the condensing unit working range should be capable for providing cooling between +/- 5deg C to 50 deg C & heating with in 0 deg C to 15 deg C including connection of copper pipe of required size up to 3 mtr insulation , cordless remote control , auto air swing louvers , wall stand for out door unit . connection copper lead wire , condensed water outlet pipe 2 mtr complete etc as required outdoor/ indoor units should be of same make (Brand)		
107	46.11.4	1.5 tr star rating 5 star	10	each
108	46.2	Dismantling & shifting , installation , testing & commissioning of split Air conditioning units 1.0TR/1.5TR/2.0 TR capacity including indoor/ outdoor unit complete as required with in township	10	each
	46.3	Supply, Installation, Testing & Commissioning of suction /discharge copper pipe line in split Air conditioning unit 1.0TR/ 1.5Tr/ 2.0Tr capacity including brazing nitrile rubber insulation 6/9 mm thick class "O" etc complete as required		
109	46.3.2	copper tube 1/2"	100	RM

110	46.4	chemical Servicing of window/split Air conditioning unit 1.0TR/ 1.5Tr/ 2.0Tr capacity including cleaning of cooling & condensing units , filters , grills etc, & all other parts oiling & greasing of fan motor testing of AC units	10	each
	46.5	Gas (f 22/410A) charging of window /split Air conditioning unit including flushing of cooling & condensing units with nitrgen gas & rectification of leakage , replacement of filters , flair nut etc if any		
111	46.5.2	1.5 tr	10	each