



जीव विज्ञान संस्थान

(जैव प्रौद्योगिकी विभाग, सरकार का एक स्वायत्त संस्थान। भारत का)

नालको स्क्वायर, भुवनेश्वर-751 023

वेबसाइट: www.ils.res.in

INSTITUTE OF LIFE SCIENCES

(An autonomous Institute of the Department of Biotechnology, Govt. of India)

Nalco Square, Bhubaneswar-751 023

Website: www.ils.res.in

NIT No- ILS-18011/4/2024-CIVIL-ILS

I/1766/2024

Dt 09-12-2024

E-TENDER DOCUMENT

SI No.	Name of work	Estimated Cost	EMD
1	<p>पार्किंग के लिए अतिरिक्त स्थान पर वॉश रूम सुविधा के साथ बोर्ड रूम बनाने के लिए आईओ के कार्यालय की मरम्मत और नवीनीकरण। और विद्युत कार्यो सहित निदेशक के सचिव कक्ष (पीए के कार्यालय) में सिविल कार्य</p> <p>Repair and renovation of IO's office to create board room with wash room facility at additional space towards parking. And Civil works in Director's secretary room (PA's office), Including Electrical Works</p>	<p>Rs 16,58,368.36</p>	<p>Rs 33,170.00</p>

प्रशासनिक अधिकारी
निदेशक, आईएलएस के लिए और उसकी ओर से।

Administrative Officer
For and on behalf of Director, ILS.

INDEX

Sl. No.	Details	Page From	To
01.	Cover page	01	01
02.	Index	02	02
<u>PART-A.</u>			
03.	Information and Instructions to bidders for e-tendering	03	04
04.	Terms and Conditions for online Submission.	05	05
05.	E-Tendering Instructions to bidders	06	08
08.	Price Bid	12	21

The D.N.I.T. contains 21 (Twenty One) pages only.

The Director, Institute Of Life Sciences, Bhubaneswar invites e-tenders from established **civil agencies / contractors** of appropriate class of Public Works Organizations like CPWD, DOP, MES, Railways and State PWD (R&B) of Odisha for the following work.

(a)	Name of Work	As mentioned in page no.01
(b)	Tender(NIT)No.	ILS-18011/4/2024-CIVIL-ILS I/1766/2024 Dt 09-12-2024
(c)	Contract Period	Tender validity for 03 months.
(d)	Estimated Cost	Mentioned in the page no. 1
(e)	Earnest Money Deposit(EMD)	Interested vendor shall submit EMD@2%, shall be refunded after finalization of tender. (Single EMD for works / composite EMD for all works may be submitted)
(f)	Performance Security(Bank Guarantee)	The lowest vendor shall submit PBG / PSD @5% of offer price and will be refunded after 06 months of works completion (with effect from Invoice date or works completion certificate whichever is earlier). It will be released on request of vendor & No interest for the deposit (PBG/ PSD) shall be claimed by the vendor.
(g)	Tender documents will be Issued From	09-12-2024
(h)	Last Date, Time &Place of Submission	26-12-2024 11:00 a.m
(i)	Date, Time for opening of Technical Bid	26-12-2024 11:30 a.m

1. The intending bidder must read the terms and conditions of Tender document carefully. He should submit his bid if he considers himself eligible and he is in possession of all the certificates/ documents required.
2. Information and Instructions for bidders shall form part of bid document.
3. The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded ..
4. Copies of eligibility documents and EMD as specified in the notice inviting tender shall be submitted within the period of tender submission.
5. Bidders must ensure to quote rate of each item. If, no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
6. Financial bids shall be opened for bidders for whom EMD and other documents are found in order and who are found to be eligible to bid for work. On opening date, the bidder or their representative shall visit office at stipulated time mentioned as above.
7. If the contractor is found ineligible after opening of bids, his bid shall become invalid.
8. If any discrepancy is noticed between the eligibility documents as submitted at the time of submission of bid and hard copies as submitted physically by the bidder, the bid shall become invalid and.

List of eligibility Documents to be scanned and uploaded online within the period of bid submission:

- a) The vendors interested to participate in the tender, shall furnish copies of their Registration Nos. / Trade License No., GST No. & pan card.
- b) The Bidders are required to deposit the EMD in favor of **INSTITUTE OF LIFE SCINCES - DBT, payable at BHUBANESWAR**
- c) Two (02) similar **(Civil repair & renovation works including interior decorative works like wall panelling, false ceiling , finished office setup)** works each of value **not less than 60%** of estimated cost put to tender or one (01) similar **(Civil repair & renovation works including interior decorative works like wall panelling, false ceiling , finished office setup)** work of value **not less than 80%** of estimated cost put to tender in **last 03 (Three)Years.**
- d) Scan Copies of **partnership deed in case of partnership firms/ memorandum of articles of association and power of attorney or authorization to the person who signs the tender in case of companies,**

List of eligibility Documents to be submitted Offline within the period of bid submission in a Envelope:

- b) The Vendors who are interested to participate in the tender shall furnish Xerox copies of their Registration Nos. / Trade License No., GST No. & pan card.
- b) The Bidders are required to deposit the **Original EMD in shape of DD in favor of INSTITUTE OF LIFE SCINCES - DBT, payable at BHUBANESWAR**
- c) Two (02) similar **Civil repair & renovation works including interior decorative works like wall panelling, false ceiling , finished office setup)** works each of value not less than 60% of estimated cost put to tender or one (01) similar **(Civil repair & renovation works including interior decorative works like wall panelling, false ceiling , finished office setup)** work of value not less than 80%of estimated cost put to tender in last 03 (Three) Years.
- d) Copies of **partnership deed in case of partnership firms/ memorandum of articles of association and power of attorney or authorization to the person who signs the tender in case of companies,**

All the above offline document must be received in sealed envelope & must be either delivered by hand or posted at the following address so as to reach not later than the last date/time specified in the NIT to **DIRECTORINSTITUTE OF LIFE SCIENCES, NALCO SQUARE, BHUBANESWAR-23.** The name and mailing address of the Applicant (bidder) shall be clearly marked on the envelopes. **Bids received late i.e. after the due date and timing for receipt of bids shall not be accepted/considered for evaluation and such bids shall be returned unopened.**

Terms & Conditions:

The tender shall be submitted in Two Bid systems.

- (i) **Technical Bid:** All required documents submitted to be online.
- (ii) **Financial Bid:** The Financial Bids will be opened there after as mentioned above.
- (iii) **Manual Submission of Following Documents:**

The following documents are to be sent to DIRECTOR, INSTITUTE OF LIFE SCIENCE, NALCO SQUARE, BHUBANESWAR, 751023, separately in a sealed envelope superscripted as: e-Tender for

(Name of Work) in the sealed envelope should be reached on or before the last date & time of submission of e-Tender. i.e. before the due date of submission of online bidding.

B. SUBMISSION AND OPENING OF BIDS:-

Tender should be opened & submitted through Online only in the web portal www.tenderwizard.com/ILS

C. Terms and conditions: -

- 1. The successful bidder shall submit PBG / PSD @5% of offer price and will be refunded after 06 months of work completion (with effect from Invoice date or work completion certificate whichever is earlier). It will be released on request of vendor & No interest for the deposit (PBG/ PSD) shall be claimed by the vendor.**
2. The work will be executed based on the specification as stated in the tender document.
3. The vendors interested to participate in the tender shall furnish Xerox copies of their Registration Nos. / Trade License No., GST No. & pan card.
- 4. The work should be started within a week of time after issue of work order and should be completed within 60 days from the date of issue of work order. Otherwise, penalty @ 1% of tender value will be charged to the vendor per week of delay.**
5. No extension of time will be allowed, if the above work is not completed within the stipulated time. ILS reserves the right to get it completed through any other source without sending any intimation to the contractor.
6. After completion of the work the Contractor shall clean the site and remove debris from the site to outside of ILS premises, cost towards it will not be borne by the Institute.
7. The Contractor shall abide by the laws of the land for payments to laborers etc.
8. The payment shall be made after successful completion of the work as per the actual measurement of the work done confirming to specification and design, drawing etc. as per NIT term & condition.
9. Income Tax, Sales Tax, etc. shall be deducted from the payment to be made to the Contractor as per the existing law.
10. In case of extra items (not provided in BOQ), same will be considered as per DSR & NIT.
11. The court situated at Bhubaneswar shall have jurisdiction to decide any dispute or litigation, if arises in future beyond the above-mentioned rules & regulations

E-TENDERING INSTRUCTIONS TO BIDDERS

General:

The Special Instructions (for e-Tendering) supplement 'Instruction to Bidders', as given in this Tender Document. Submission of Online Bids is mandatory for this Tender. E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers / Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, ILS BHUBANESWAR has decided to use the portal www.tenderwizard.com/ILS through an ASP, M/s. CEL INDIA LIMITED.

Instructions:

1. Tender Bidding Methodology:

Two Stage Online Bidding

2. Broad outline of activities from Bidders prospective:

1. Procure a Class III Digital Signature Certificate (DSC)
2. Register on the e-Procurement portal www.tenderwizard.com/ILS
3. Create Users on the above portal
4. View Notice Inviting Tender (NIT) on the above portal
5. Download Official Copy of Tender Documents from the above portal
6. Seek Clarification to Tender Documents on the above portal. View response to queries of bidders, posted as addendum, by ILS
7. Bid-Submission on the above portal.
8. Attend Public Online Tender Opening Event (TOE) on the above portal - Opening of Technical Part
9. Post-TOE Clarification on the above portal (Optional) – Respond to ILS's Post-TOE queries.
10. Attend Public Online Tender Opening Event (TOE) on the above portal - Opening of Financial Part (Only for Technical Responsive Bidders)

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the above portal.

3. Digital Certificates:

For integrity of data and authenticity / non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class III, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

4. Registration:

To use the Electronic Tender portal www.tenderwizard.com/ILS, vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons vis-à-vis Authorized Signatory who will be the main person coordinating for the e-tendering activities. In the above portal terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and follow further instructions as given on the site. Pay Annual Registration Fee as applicable. (Rs 2000+ GST as applicable)

Note: After successful submission of Registration details and Annual Registration Fee, please contact to the Helpdesk of the portal to get your registration accepted/activated.

1. The Bidder must ensure that after following above, the status of bid submission must become – "Submitted".

2. Please take due care while scanning the documents so that the size of documents to be uploaded remains minimum. If required, documents may be scanned at lower resolutions say at 150 dpi. However it shall be sole responsibility of bidder that the uploaded documents remain legible.

3. It is advised that all the documents to be submitted are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission.

4. The Financial part/BOQ may be downloaded and rates may be filled appropriately. This file may also be saved in a folder on your computer. Please don't change the file names & total size of documents (Preferably below 5 MB per document) may be checked.

Bid submission

The entire bid-submission would be online on the Tender wizard portal i.e. <https://www.tenderwizard.com/ILS>

Broad outline of submissions are as follows:

- (i) Submission of Bid Parts (Technical & Financial)
- (ii) Submission of information pertaining to Bid Security/ EMD.
- (iii) Submission of signed copy of Tender Documents/Addendums.

The TECHNICAL PART shall consist of Electronic Form of Technical Main Bid and Bid Annexure. Scanned/Electronic copies of the various documents to be submitted under the Eligibility Conditions, offline submissions, instructions to bidders and documents required to establish compliance to Technical Specifications and Other Terms & Conditions of the tender are to be uploaded.

The FINANCIAL PART shall consist of Electronic Form of Financial Main Bid and Financial Bid Annexure, if any. Scanned copy of duly filled price schedule (Section VII) for both packages are to be uploaded. If required, additional documents in support of taxes, quoted duties etc. may also be uploaded.

Tender Processing Fee:-

You pay processing fee (0.1% of ECV + GST as applicable (Min. 500/- & Max 5000/- + GST as applicable)) through online (Credit card/ Debit card/ Net Banking), when participating in the e-tender.

Offline Submissions:

The bidder is requested to submit the as above mentioned documents offline **DIRECTOR, INSTITUTE OF LIFE SCIENCE, NALCO SQUARE, BHUBANESWAR, 751023** on or before the date & time of submission of bids specified in covering letter of this tender document, in a Sealed Envelope. The envelope shall bear (name of the work), the tender number and the words 'DO NOT OPEN BEFORE' (due date & time).

Public Online Tender Opening Event (TOE)

The e-Procurement portal offers a unique facility for 'Public Online Tender Opening Event (TOE)'. Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) duly authorized. Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)' has been implemented on the portal. As soon as a Bid is decrypted, the salient points of the Bids are simultaneously made available for downloading by all participating bidders. The medium of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public Online Tender Opening Event (TOE)'. The portal a unique facility of 'Online Comparison Statement' which is dynamically updated as each online bid is opened. The format of the Statement is based on inputs provided by the Buyer for each Tender. The information in the Comparison Statement is based on the data submitted by the Bidders. A detailed Technical and / or Financial Comparison Statement enhance Transparency. Detailed instructions are given on relevant screens. The portal has a unique facility of a detailed report titled 'Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/Downloading'. There are many more facilities and features on the portal. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

Important Note: In case of internet related problem at a bidder's end, especially during 'critical events' such as – a short period before bid-submission deadline, during online public tender opening event it is the bidder's responsibility to have backup internet connections. In case there is a problem at the e-procurement / e-auction service-provider's end (in the server, leased line, etc) due to which all the bidders face a problem during critical events, and this is brought to the notice of ILS by the bidders in time, then ILS will promptly reschedule the affected event(s).

Other Instructions

For further instructions, the vendor should visit the home-page of the portal. The complete help manual is available in the portal for Users intending to Register / First-Time Users, Logged-in users of Supplier organizations. Various links are also provided in the home page.

Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups and minimize teething problems during the use of the said portal.

The following 'FOUR KEY INSTRUCTIONS for BIDDERS' must be assiduously adhered to:

1. Obtain individual Digital Signature Certificate (DSC) well in advance of your first tender submission deadline on the portal.
2. Register your organization on the portal well in advance of your first tender submission deadline on the portal
3. Get your organization's concerned executives trained on the portal well in advance of your first tender submission deadline on the portal
4. Submit your bids well in advance of tender submission deadline on the portal (There could be last minute problems due to internet timeout, breakdown etc.)

While the first three instructions mentioned above are especially relevant to first-time users on the portal, the fourth instruction is relevant at all times. Minimum Requirements at Bidders end Computer System with good configuration (Min P IV, 1 GB RAM, Windows 7) Broadband connectivity. Microsoft Internet Explorer 8.0 or above. Digital Certificate(s) Vendors Training Program Necessary training to each and every registered bidder under this portal shall be impacted by the ASP, M/s. CEL INDIA LIMITED, if required, before participation in the online tendering.

For any further assistance, please contact Mr Sanjeeb Mahapatra(08249821902), Helpdesk-080-45811365/080-40482000 CEL INDIA LIMITED email ID for mailing communication:-
twhelpdesk404@gmail.com / twhelpdesk680@gmail.com/twhelpdesk605@gmail.com

FORM OF AGREEMENT

(To be executed on non-judicial stamp paper of Rs.100/-)

Agreement No. _____

Dated _____

THIS AGREEMENT is made on _____ day of _____ (month), _____(year) between ILS., AN AUTONOMOUS INSTITUTE OF THE DEPARTMENT OF BIOTECHNOLOGY, GOVT. OF INDIA hereinafter called ILS, (which expression shall, wherever the context so demands or requires, includes their successors in office and assigns) on the one part and M/s. _____ hereinafter called the Contractor (which expression shall wherever the context so demands or requires, include his/their successors and assigns) on the other part. WHEREAS the ILS is desirous that certain works should be executed viz. (brief description of the work)..... and has by Letter of Acceptance dated _____ accepted the tender submitted by the contractor for the execution, maintenance and completion of such works at a total contract price of Rs.----- (Rupees-----only).

Now THIS AGREEMENT WITNESSETH as follows:

- 1. In this agreement, words and expressions shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to.
- 2. The following documents in conjunction with Addendum/ Corrigendum to Bid Documents shall be deemed to form and be read and construed as part of the agreement viz:
 - a. This Form of Agreement
 - b. The Letter of Award dated _____
 - c. Priced Schedule (Bill) of Quantities
 - d. Notice Inviting Tender and Instructions to bidders-
- 3. The aforesaid documents shall be taken as complementary and mutually explanatory of one another, but in the case of ambiguities or discrepancies, shall take precedence in the order set out above.
- 4. The ILS hereby covenants to pay to the contractor in consideration of the execution, completion of work at contract price at the time and in the manner prescribed by the contract.

In WITNESS whereof the parties hereto have caused their respective common seals to be here into affixed (or have herewith set their respective hands and seals) the day and year first above written.

SIGNED, SEALED AND DELIVERED BY

M/S. _____(for contractor) _____(for ILS)

In the capacity of _____ in the capacity of _____

On behalf of Contractor

On behalf of ILS

In the presence of in the presence of

1. _____ 1. _____

2. _____ 2. _____

Annexure – II

List of similar works completed during last 5 years.

Sl no.	Clients name and address with contact number	Name of the work.	Scope of work	Agreement / Letter of Award No.	Contract Value (Rs. In lakh)		Location	Date of start	Date of completion		Ref to Supporting Documents submitted by bidder
					Awarded	Actual			As per LOA	Actual	
1	2	3	4	5	6	7	8	9	10	11	12

Note-1: The bidder shall produce an attested copy of the referred completion certificate from the owner companies indicating name of work, description of work done by the bidder, date of start, date of completion(contractual & actual including extensions if any), value of material supplied free of cost by the client. When the owner company is private one, the certificate from the company must be supported by TDS certificate issued by the company. The bidder should be in position to produce original certificate if required.

Note-2: ILS reserves the right to cross checks the certificate(s) directly with the issuing authority /authorities/clients or any other firm/ party.

Note-3: Information must be furnished on only works carried out by the bidder in his firm's own name. Works carried out as a partner in joint venture shall not be included in this Performa.

Note-4: The bidder shall number the page of the documents submitted by him against Pre-qualification requirements/Criteria and such reference number of relevant completion certificate(s) against completed work(s) if any shall be indicated under Column.no.11 of above table.

Signature of Authorised Representative of the bidder.....

Bidder's Stamp-----

UNDERTAKING

(To be submitted on Bidder Letter Head)

"I/We hereby certify that, the above firm has not been ever blacklisted by any Central/StateGovernment/PublicUndertaking/Instituteonanyaccount."

"I/We also certify that, Firm will supply the item(s) as per the specification given by Institution and also abide all the Terms &Conditions stipulated in the tender."

"I/We also certify that, the information given in Bid is true and correct in all aspects and in any case at a later date, it is found that any details provided are false and incorrect, any contract given to the concerned firm or participation may be summarily terminated at any state, the firm will be blacklisted and Institute may imposed any action as per NIT Rules."

"I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee".

Name:-

Business Address:-

.....

.....

Place:

Dated:

(Signature of Bidder with Firm's Seal)

Repair and renovation of IO's office for new meeting room and new toilet additional space towards parking.

Sl no	Description Of Items	Unit	Quantity	Rate	Total Amount
	STRUCTURAL WORK				
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth 1.5 m in width as well as 10 Sqm up to 50 m and lift up to 1.5 m , disposed earth to be leveled and neatly dressed. All Kind of soil.	Cum	12.00		
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Sqm	3.00		
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge. In cement mortar	Cum	1.00		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	Cum	1.50		
5	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	Cum.	9.50		
6	Centering and shuttering including strutting, propping etc. and removal of form				
	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	35.00		
	Suspended floors, roofs, landings, balconies and access platform.	Sqm	18.00		
	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	10.00		
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level. Cold twisted bars	Kg	875.00		
8	Brick work with common burnt clay F.P.S. (non- modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in . Cement mortar 1:6 (1 cement : 6 coarse sand) .	Cum	7.00		
9	12 mm cement plaster of mix: 1:6 (1 cement: 6 coarse sand)	Sqm	65.00		
10	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying: (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	Sqm	8.00		
11	Grading roof for water proofing treatment with 22.14.1 Cement concrete 1:2:4 (1 cement: 2 coarse sands: 4 graded stone aggregate 20mm nominal size)	Cum	0.50		
12	Charges for steel welding of old slab /beam to new slab/column etc., as per requirement.	Job	1		
13	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved	Sqm	5.00		

	make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.				
14	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. (Tile size : 300x450)	Sqm	22.00		
53	Providing and laying Double charge vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600x600 mm	SQM	21.00		
15	Providing and fixing 18 mm 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, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red Area of slab upto 0.50 sqm	Sqm	1.00		
16	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	Rmt.	2.5		
17	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceometry windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58- 60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/ cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm ² , modulus of elasticity 900 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made. Frame size 50 x 125 mm	Meter	5.2		
18	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ²	Sqm	2.1		

	and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges / conceal hinges and necessary S.S screws shall be paid separately) 30 mm thick				
19	Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	Sqm	80.00		
20	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. External work - Exposed on wall				
21	25 mm nominal outer dia. Pipes	Mtr	48.00		
22	20 mm nominal outer dia. Pipes	Mtr.	25.00		
23	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe: 40 mm dia.	Each	1		
24	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore	Each	3		
25	Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.	Each	2		
26	Providing and fixing SS towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms .	Each	1		
27	Providing and fixing on wall face un-plasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (a) Single socketed pipes. 110 mm diameter	Meter	30.00		
28	Providing and fixing on wall face un plasticised - PVC moulded fittings/ accessories for un plasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion				
29	Bend 87.5° 110 mm bend	Each	8		
30	Single tee with door	Each	6		
31	Providing and fixing un-plasticised -PVC pipe clips of approved design to un-plasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement: 4 coarse sand) and making good the wall etc. complete. 110 mm	Each	8		
32	Slotted cowl (terminal guard) 100 mm dia.	Each	4		
33	Providing and fixing 100 mm SS grating for gully trap.	Each	4		
34	Providing and fixing PVC. trap P type 110x110 mm	Each	4		
35	Providing and fixing floor trap 110x110 mm	Each	3		
36	Providing and fixing Y section trap connection	Each	1		
37	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 180x150 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	1		
38	Providing and fixing 25 mm CPVC ball valve	Each	2		

39	Providing and fixing bright finished brass 100mm mortice latch and lock with 6 levers and pair of levers handles with necessary screws etc. complete (best make of approved quality)	Each	1		
40	Providing and fixing IS :3564 marked aluminum extruded section body tubular type universal hydraulic door closer with double speed adjustment with necessary accessories and screws etc. complete. (Godrej / Hardwin/ dorma)	Each	2		
41	Providing and fixing bright finished SS tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete. 300 x 10 mm	Each	3		
42	Providing and fixing brass hanging floor door stopper ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete. Twin rubber stopper	Each	2		
43	Providing and fixing best quality SS handles , ISI marked, anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete. 150 mm	Each	4		
44	Providing and fixing concealed hinges of required size with necessary full body threaded star headed counter sunk S.S screws, etc.complete : 3.3x4.3 cm	Each	3		
45	Providing and fixing SS pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete.	Each	1		
46	Providing and fixing aluminum works for door, windows, ventilators and partition with extrude built up standard tubular section / appropriate z section and other section of approved make conforming to IS:733 and IS:1285, fixed with rawl plugs and screw or with fixing clips, or with expansion hold faster including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene felt etc. aluminum section shall be smooth, rust free, straight, mitered and joined mechanically wherever required including cleat angle, aluminum snap beading for glazing/paneling C.P. brass / stainless steel screws all complete as per architectural drawings and the direction of engineer-in-charge For fixed portion Anodized aluminum (anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC15)	Kg	90.00		
47	Providing and fixing 12 mm thick marine plywood conforming to IS: 710 (Grade I) to frame, backing or studding with screws etc. complete (Century , green ply ,Austin)	Sqm	54.00		
48	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective Surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality. 1.0 mm thick (Century , green ply ,Austin)	Sqm	56.00		
49	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 & 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	Sqm	50.00		

	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 on 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 : 12.5 mm thick tapered edge gypsum moisture resistant board				
50	Providing and applying white cement-based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	50.00		
51	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer	Sqm	50.00		
52	Wall painting with acrylic emulsion paint of approved premium brand and manufacture to give an even shade: Two or more coats on new work	Sqm	50.00		
54	Providing and fixing floor mounted, white vitreous ceramic single piece, double traps symphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous ceramic cistern of capacity 10 liters with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc. including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge. Single piece water closet. (Jaguar/ parrywaere / cera/ hindware)	Each	1		
55	Providing and fixing table top wash basin with 32 mm C.P. brass waste of standard pattern, including fittings and brackets, cutting and making good the walls wherever require: White Vitreous ceramic Wash basin of rectangular / circular shape as per instruction. (Jaguar/ parrywaere / cera/ hindware)	Each	1		
56	Providing and fixing Vanity double shelf Cabinet of Elegant modular Design as per requirement for table top Ceramic Washbasin	Each	1		
57	Providing and fixing white vitreous ceramic battery based infrared sensor operated wall corner type urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge: (Jaguar/ parrywaere / cera/ hindware)	Each	1		
58	Providing and fixing 40 mm C.P. brass waste (Jaguar/ parrywaere / cera/ hindware)	Each	1		
59	Providing and fixing soap Dish Holder of as per existing installation. ((Jaguar/ parrywaere / cera/ hindware))	Each	1		
60	Providing and fixing best quality Automatic Hand Dryer as per side condition with necessary fittings and accessories. JAQUAR Flash touch-free infrared hand dryer HDR-SSF-AK2807	Each	1		
61	Providing and fixing health faucet with extension pipe. (Jaguar/ parrywaere / cera/ hindware)	Each	1		
62	Providing and fixing best quality stainless steel towel rack (Jaguar/ parrywaere / cera/ hindware)	Each	1		

63	Providing and fixing corner glass shelf with edges round off, supported on anodized angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete. (Jaguar/ parrywaere / cera/ hindware)	Each	2		
64	Providing and fixing fabricated 600 x450 mm upvc ventilator with frosted glass 5 mm thickness including soundless of 225 mm bathroom extractor axial PVC exhaust fan as per site requirement.	Each	1		
65	Providing and fixing C.P. brass pillar cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore (Jaguar/ parrywaere / cera/ hindware)	Each	1		
66	Providing and fixing C.P. brass 2 -in tap of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore ((Jaguar/ parrywaere / cera/ hindware)	Each	1		
67	Providing and fixing CP brass push cock of approved quality and colour. 15 mm nominal bore, 98 mm long, weighing not less than 75 gms ((Jaguar/ parrywaere / cera/ hindware)	Each	1		
68	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminum angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete. (Jaguar/ parrywaere / cera/ hindware)	Each	1		
69	Providing and fixing toilet paper holder: C.P. brass (Jaguar/ parrywaere / cera/ hindware)	Each	1		
70	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge. (Jaguar/ parrywaere / cera/ hindware)	Each	2		
71	Providing and fixing C.P. brass angular stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore ((Jaguar/ parrywaere / cera/ henware)	Each	2		
72	Providing & fixing Rectangular Full-Length Waterproof PVC Wooden Frame Wall Hanging Mirror of size 160 L x 70 W Centimeters	Each	1		
73	Providing & fixing Led Bathroom Vanity Mirror, Fogless Illumination, Wall-Mounted Smart Mirror (45X60Cm, Pvc Board (Water & Termite Proof))-6500K Led, Energy-Saving, Rectangular Design 18X24 Inch		1		
74	Supply & installation of modular Conference Table with pup of box (power plug point , internet point) of walnut finish (8-seater) Dimension 2400mm (L) 1050 mm (W) 750mm (H)	Each	1		
75	Supplying of executive Visitor Chair with arm Rest and Double Support Steel Frame with Cushioned seat Back.	Each	8		
76	Supplying of Wood Caster Sofa of Chesterfield Leatherette finished for Office, 2-seater +1-seater +1-seater = Sofa Set (Leatherette, Black)	Each	1		
77	Home furniture Wooden Table Top Glass for Office Center Table (Claire Large Glass Top (Walnut Finish)) Product Dimensions: 102D x 54W x 44H Centimeters	Each	1		
78	Supply & installation of institute signage board with institute logo of size : 146.3W x 85.2H Centimeters	Each	1		
	Total estimated amount				
B	Providing and fixing wood wall paneling with aluminum frame and laminated sheet PA's chamber				
Sl. No.	Description of items	Unit	Quantity		
1	Dismantling aluminum/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge	Sqm	20.00		
2	Providing and fixing aluminum works for door, windows, ventilators and partition with extrude built up standard tubular section / appropriate z section and other section of approved make conforming to IS:733 and IS:1285, fixed with rawl plugs and screw or with fixing clips, or with expansion hold faster including necessary filling up of gaps at junctions, at top, bottom and sides				

	with required PVC/ neoprene felt etc. aluminum section shall be smooth, rust free, straight, mitered and joined mechanically wherever required including cleat angle, aluminum snap beading for glazing/paneling C.P. brass / stainless steel screws all complete as per architectural drawings and the direction of engineer-in-charge For fixed portion Anodized aluminum (anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC15)	Kg	35.00		
3	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective Surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality. 1.00 mm thick	Sqm	145.00		
4	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 etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	Sqm	7.50		
5	Providing and fixing 2nd class teak wood lipping / moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/ nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge.	Meter	50.00		
6	Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete. Size 40 mm	Each	12		
7	Providing and fixing chromium plated brass handles with necessary screws etc. complete:100 mm	Each	26		
8	Providing and fixing S.S. double acting spring L-hinges with necessary screws etc. complete. 125 mm	Each	32		
9	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 100x10 mm	Each	14		
10	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Triple strip vertical	Each	26		
11	Providing and fixing powder coated telescopic drawer channels 450 mm long with necessary screws etc. complete as per directions of Engineer-in-charge.	One set	12		
12	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work	Sqm	50.00		
13	Providing and fixing chromium plated brass handles with necessary screws etc. complete: H – type of handle 350 mm	Each	6		
14	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight up to 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge With brass cover plate minimum 1.25 mm thickness. (Godrej/Ozen/ hardwyn)	Each	3		
15	Providing and fixing 9 mm thick marine plywood conforming to IS: 710 (Grade I) to frame, backing or studding with screws etc. complete	Sqm	45.00		
16	Providing and fixing 19mm thick block board of best quality for cupboard with all necessary screws etc. complete as per direction of Engineer-in-charge.	Sqm	50.00		
17	Repairing of existing gypsum ceiling with fixing new cornice etc. as requirement.	LS	1		

	Providing and fixing stainless steel adjustable double slotted channel is a versatile metal component with two parallel slots, used for shelving systems for racks. Its design allows for easy height and angle adjustments, providing flexibility in various applications.	Set	2		
	Providing and fixing frosted type sun control film of gareware make after cleaning the glass surface with necessary cleansing materials etc. complete as per direction of Engineer-in-charge.	Sqft.	140.00		
	Total Amount				
C	Electrical works in Conference room (Renovation)				
	Providing Single Phase Distribution Board (DB) for normal power distribution system				
	1. Conference table pop up Box (combo power points + IO): 05 Nos. (normal power) 2. Providing 10 nos. False ceiling Lights 20-watt square type (08 nos. Ups + 02 normal) 3. Providing 02 x 2 nos. Power point in wall 4. Providing power points to AC with starter + Socket arrangement 5. Providing power points 2x1 to TV 6. Providing power points to hand dryer & Exhaust Fan in Toilet 7. Internet Connectivity				
1	Supplying and drawing following size of FRLS PVC insulated copper Conductor, Single core cable (wire) in the existing surface / recessed / steel / PVC conduit as required				
2	Lights: 2 x 1.5 Sq.mm	Mtr.	45		
3	Power points: 3x 2.5 Sq.mm	Mtr.	50		
4	For AC: 3 x 6 Sq.mm	Mtr.	15		
5	For Service wire to DB: 3 x 10 Sq.mm	Mtr.	25		
6	Supplying and fixing of following sizes of medium class PVC conduit (flexible PVC Pipe) along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required				
7	25 mm	Mtr.	50		
8	Supplying and fixing following modular Switch and socket on the existing modular plate and switch box including connection but excluding modular plate				
9	5/6 Amp Switch	Each	25		
10	15/16 Amp Switch	Each	05		
11	06 pin 15/16 Amp socket outlet	Each	20		
12	Supplying and fixing following size / modules GI Box along with modular base and cover plate for modular switches in recess etc.				
13	1-2 module (75mm x 75 mm)	Each	01		
14	03 module (100mmx75 mm)	Each	02		
15	06 module (200mmx75mm)	Each	03		
16	08 module (125mmx125mm)	Each	01		
17	12 module (200 x 150	Each	03		
18	Supplying and fixing following size / modules base and cover plate on existing modular metal boxes / wooden panel for modular switches in recess etc.				
19	02 module (AC Socket)	Each	01		
20	03 module(Dryer & Toilet Lights, ex-fan	Each	02		
21	06 module (TV and wall points)	Each	03		
22	08 module (Lights)	Each	01		
23	12 module (Conference Table)	Each	03		
24	Supplying and fixing 3 pin , 5 Amp ceiling rose on suitable GI box including connection for exhaust fan Toilet	Each	01		
25	Supplying and fixing AC starter 16 Amp including 02 module Socket 16 Amp and Boxes complete at suitable location including connection compete with all respect	Each	01		

26	Supplying and fixing Exhaust Fan 150- 250 mm Sweep (PVC , 450 mm sweep with front and back with damper / grill) suitable to locations.	Each	01		
27	Supplying and drawing of UTP 4 Pair CAT 6 LAN Cable in the existing surface / recessed steel / PVC conduit as required				
28	1 run of cable	Mtr.	25		
29	2 run of cable	Mtr.	35		
30	3 run of cable	Mtr.	35		
31	Supplying and fixing following way single pole and neutral , sheet steel , MCB Distribution Board (DB) , 240 V on surface or recess complete with tinned copper bus bar , neutral bar, earthing bar, din bar interconnection powder coated painted including earthing as required excluding MCB/ MCCB/ RCB / Isolator				
32	8 Way double Door	Each	01		
33	Supplying & fixing 5 A to 32 Amp rating – 240 / 415 V-10kA “C” Curve miniature Circuit Breaker (MCB) suitable for inductive load of following pole in the existing MCB DB complete with connection, testing, commissioning etc. as required.				
34	Single Pole MCB	Each	10		
35	Single pole with Neutral MCB	Each	01		
36	Supply & fixing of single pole blank plate as required in MCB DB or Modular switch Box etc,	Each	05		
37	Supply & fixing of single pole blank plate as required in MCB DB or Modular switch Box etc	Each	05		
38	Supplying and fixing Aluminium Lugs for 6 sq.mm cable	Each	10		
39	Supplying and fixing Aluminium Lugs for 10 sq.mm cable	Each	04		
40	Installation, testing and commissioning of prewired compact LED Fittings down comer (false ceiling) compete with all accessories and connection with “1.5 sq.mm” FRLS PVC insulated copper conductor, single core cable and earthing as required.	Each			
41	LED down comer Square / Round Type cool white 220V, 20 Watt (Philips / Bajaj / Wipro)	Each	08		
42	LED down comer Square / Round Type cool white 220V, 6 -8 Watt (Philips / Bajaj / Wipro)	Each	02		
43	Supplying, Installation, testing & commissioning of AC 2 TR (Floor mounted/ standalone) at required location as per direction of Engineer in Charge complete with all respect to maintain the room temperature of 24 degree centigrade. (Indoor shall be mounted with wooden platform and outdoor with stand) and connecting to the power points etc. (Warranty as per OEM broacher or at least 01 year as defect Liabilities, compressor warranty shall be 05 years from date of installations.) 220V, 2 Kw to 2.5 Kw (All the accessories such as; Refrigerant, Refrigerant pipe, electric power supply cable , remote stand , insulation over pipe line & PVC drain pipe etc. shall be included within the scope) HITACHI/ Daikin / Carrier	Each	01		
44	Supplying, Installation, testing & commissioning of HD smart LED TV 65 Inch (wall mounted/ standalone) at required location as per direction of Engineer in Charge complete with all respect (Warranty as per OEM broacher or at least 01 year as defect Liabilities, from the date of installations.) (All the required accessories such as; cable up to length of 5 Mtr. “HDMI or power cable & others shall be included within the scope) Make : Sony / LG / Samsung	Each	01		
45	Supplying , installation, testing & commissioning of 08 port Gigabit Switch(Managed) (D Link /DGSOLE /oravai/	Each	01		

46	Supplying , installation, testing & commissioning of Modular IO port suitable to Modular base & cover plate of 12 module set (refer “ Sl. No. 23 ”)	Each	05		
47	Supplying, installation, testing & commissioning HDMI cable and drawing the cable from conference table to TV point including connection etc. complete with all respect.	Mtr.	100		
48	Supplying , installation, testing & commissioning of POP up Box { Combo Switch (02) / 01 + Internet + HDMI Port for TV / Projector) suitable to conference table (refer civil item Sl. No.-----) (movable Type along with its channel	Set	05		
49	Wi-Fi Switch 4 Node Wifi Smart Switch (Ultra Series) retrofit module, 2-way wiring support, Compatible with Alexa & Google Home (4 Port) (D Link/DGSOLE /Oravai	Each	01		
50	THE LOWEST BIDDER SHALL SUBMIT THE ARCHITECTURAL 3D DRAWING OF BOARD ROOM & DIRECTOR’s SECRETARITY BEFORE EXECUTION OF THE WORK AS PER THE DIRECTION OF THE HIGHER AUTHORITY.	LS	01		
	Total electrical amount				
	Total amount (A+B+C)				

1. All charges shall include the cost of Labour, material, taxes, GST and other incidentals. Nothing extra shall be paid beyond the BOQ rate.
2. The work should be executed as per CPWD / IS Specification.
3. The work will be done according to the direction of Engineer in charge