

**Atal Incubation Centre – Bihar Vidyapith Foundation, Patna
(AIC-BVF)**



NOTICE INVITING TENDER

for

RENOVATION AND INTERIOR INFRASTRUCTURE WORK AT AIC-BVF

NIT NO. - 06/2022-23

www.aicbvf.edu.in



AIC– BV Foundation

R-Hub Sadaquat Ashram, Patna-800010

Phone/Fax: - 8873037934 Email-id: - aic.bvfoundation@gmail.com

Website: - www.aicbvf.edu.in

NOTICE INVITING TENDER

(NIT No.: - 06/2022-23)

Letter No. – 62 Dated – 17/11/2022



Tender Notice for renovation and infrastructure work at AIC-BVF, Patna. Bids in offline mode may be submitted to the undersigned within written schedule time as mentioned below. Detailed tender document containing eligibility criteria, selection mechanism, other terms and conditions are available on the website www.aicbvf.edu.in

Sl. No.	Activity	Date/Time: Duration
1.	Download date of tender documents	12/11/2022 at 3:00pm
2.	Last Date & Time for submission of offer/bid	22/11/2022 at 3:00pm
3.	Date and Time of Pre-bid meeting	18/11/2022 at 3:00pm
4.	Bid opening Date & Time	30/11/2022 at 3:00pm
5.	Contact Person	Mr. Pramod Kumar Karn, Chief Operating Officer, Mobile No.- 7033593845
6.	Tender Fee (Mandatory)	DD of Rs 11000(Eleven Thousand only)/- payable to AIC-BV Foundation at Patna
7.	EMD (Mandatory)	FD of Rs 327763/- payable to AIC-BV Foundation at Patna

The Chief Operating Officer, AIC-BVF Patna reserves the right to review/change/cancel the Tender without assigning any reasons thereof.


Chief Operating Officer 17.11.2022

AIC-BVF, Patna

AIC-BV FOUNDATION

R-HUB, PATNA

NOTICE INVITING TENDER

The Chief Operating Officer, AIC-BV Foundation, Patna (hereinafter called Centre) invites offline sealed **Percentage Rate Tenders** under Two-part Bid System containing Part-I (Technical Bid) & Part-II (Financial Bid) from the approved and eligible contractors of CPWD/PWD/MES and other bona-fide government agencies meeting the minimum qualification criteria for the following work:

Name of work	Estimated Amount (Rs.) Exclusive of GST/all taxes	Earnest Money Deposit (Rs.)	Time for Completion	Start Date & Time of Tender Document Download / Bid Submission	End Date & Time of Tender Document Download / Bid Submission	Date & Time of opening of Technical Bid
For renovation and interior infrastructure work at AIC-BV Foundation, R-Hub, Patna	163.88Lakhs	327763	90 days	12.11.22	22.11.22	30.11.22(as per corrigendum to NIT-06/2022-23)

Cost of Tender Paper Rs. 11,000.00 (Rupees Eleven Thousand only), NON-REFUNDABLE, should be deposited in the form of DD only in favor of AIC-BV Foundation, payable at Patna. Tender without 'Cost of Tender Document' will be summarily rejected. The Earnest Money (EMD) should be deposited in the form of FD only in favor of AIC-BV Foundation Patna, payable at Patna. Tender without requisite EMD will be summarily rejected. Validity of both the FD should be at least 03 months from the date of publication of nit upto completion of work. The FD for Cost of Tender Paper and FD for EMD should be submitted in a separately sealed envelope kept within the main envelope containing other two envelopes of Technical & Financial Bid.

Eligibility Criteria

Contractors who fulfill the following minimum qualification criteria shall be considered as eligible bidder:

1. Agencies should have satisfactorily completed the works as mentioned below during the last 03 (Three) years ending last day of the **March 2022**:

similar works costing not less than 50% of estimated cost in a single financial year executed under **Central/State Government Department / Central/State Autonomous Body / Central/State Public Sector Undertaking**.

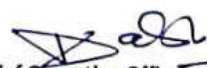
Similar work shall mean: **Interior Repair & Renovation/ Construction of buildings/ Other Civil Structures**.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of applications for tenders.

Completion certificate issued by Competent Authority will only be considered as credential. If the Completion certificate issued by Competent Authority does not reflect the type of work, then Final bill / Schedule of Quantity of the qualifying works also to be attached along with the Completion certificates. Certificate from private individuals / organizations for whom such works have been executed shall not be accepted.

The tender document (consisting of specifications, the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract and other documents / drawings, if any) can be downloaded from the **Centre's website www.aicbvf.edu.in**. Corrigenda, if any, will be published only on Website. The Centre shall not be responsible for any delay / difficulties / inaccessibility of downloading facility for any reason whatsoever. In case of any discrepancy between the tender documents downloaded from Internet and the master copy available in this office, the letter shall prevail and will be binding on the tender(s). No claim on this account will be entertained. **Rates quoted by the bidder should be inclusive of GST/all taxes.**

Tender should be submitted offline as per the prescribed format within the specified date and time at Office of Chief Operating Officer, AIC-BV Foundation, Patna failing which the offer shall be summarily rejected. **Bid Validity period is 90 Days** from submission of bid. Bid will be opened at AIC-BV Foundation, Patna. **The Centre reserves the right to reject any tender without assigning any reason thereof.**


Chief Operating Officer, 17.11.2022
AIC-BV Foundation, Patna



ATAL INCUBATION CENTRE- BIHAR VIDYAPITH FOUNDATION
R-HUB, PATNA

TENDER DOCUMENT
FOR

RENOVATION AND INTERIOR INFRASTRUCTURE WORK AT AIC-BVF
PART – I: TECHNICAL BID

NOTICE INVITING TENDER NO.: 06/2022-23

Cost of Tender Document: Rs.11000.00 (Non-Refundable)
Last Date & Time of Submission: 22.11.2022, upto 3:00 pm

CHIEF OPERATING OFFICER
ATAL INCUBATION CENTRE- BIHAR VIDYAPITH
FOUNDATION, SADAQUAT ASHRAM, PATNA-10

Name and Address of Bidder: M/S. _____

7. Submission of Bid

The bids shall be submitted in **Two Bid System** in **Three separate sealed envelopes**:

I. **Envelope-1 : Tender Fee and EMD** will comprise of -

- i) **Cost of Tender Paper** Rs. 11000.00, NON-REFUNDABLE in the form of DD in favor of AIC-BV Foundation, payable at Patna (validity of FD should be at least 03 months from the date of publication of NIT). Tender without 'Cost of Tender Document' will be treated as cancelled.
- ii) **EMD** of requisite amount in the form of FD in favor of AIC-BV Foundation payable at Patna (validity of FD should be at least 03 months from the date of publication of NIT). Bid without EMD would be summarily rejected.

II. **Envelope-2 : Technical Bid** will comprise of -

- i) Self-certified copies of Credential documents fulfilling the minimum eligibility criteria as per Clause 6 above, i.e., Experience Certificates for completion of similar type of job within last five years.
- ii) Original Tender Document – Part-I: Technical Bid duly Stamped & Signed in all pages.,
- iii) Self-certified copies of Statutory documents like Trade License, PAN, IT Return, GST Registration details, Registration certification in any of Govt. Department (Central /State government) etc.

III. **Envelope-3 : Financial Bid** will comprise of-

Original Tender Document – Part-II: Financial Bid with duly filled-up **Schedule of Quantities and Form of Tender** as an acceptance to the terms and conditions set in the tender (stamped & signed in all pages).

All the envelopes should be duly marked on top with **NIT Number, Name of work and Tender Fee & EMD / Technical Bid / Financial Bid** as the case may be and the **name of the bidder**. All these three envelopes to be put in another sealed large envelope duly marked on top with **NIT Number and Name of work and name of the bidder**. Tenders must be delivered at the place and time as indicated in NIT / further corrigenda. Bids that are not in the above format will be rejected.

8. Each and every page of the tender documents and correspondences accompanying the tender shall have to be duly signed and stamped by the Bidder / Authorized Signatory before submission. The person / officer signing the tender / bid should be the **Owner / Proprietor / Partner / CEO / MD / Director** of the company or delegated with an appropriate **Power of Attorney (duly endorsed by a Notary Public)** to sign such documents by the **Owner / Proprietor / Partner / CEO / MD / Director** of the company.
9. The bidder shall have to submit certified copies of valid Trade License, PAN, Income Tax Return, GST registration details, other statutory tax clearance certificates (if any) and credential documents fulfilling the minimum eligibility criteria along with his tender. The bidder must have an Architect and Electrical expert with valid license in their team for the sake of better quality of work. The original copies of these documents will have to be produced when demanded for verification.
10. All Percentages, Rates, Prices, Amounts and Sums quoted by the bidder shall be in Indian currency only. The language used throughout shall be English.
11. All Rates, Amounts, Percentages & Sums shall have to be quoted in indelible ink and written both in figures and words. If the rate/percentage quoted in words does not tally with the rate/percentage quoted in figures then the rate/percentage which corresponds to the lesser amount shall be considered.
12. Any overwriting / correction / applying correction fluid shall be avoided and in case any correction is made the same must be initialized and stamped.
13. Tender must be submitted with the rates for all the items of work involved and any incomplete tender will not be considered. The items for which the rates are not quoted will be considered as 'Zero' & the agency shall complete that item of work without any claim.
14. No alteration shall be made by the tenderer in the tender and no conditional tender will be entertained. Tender with split rate will not be considered.

15. The bid shall remain valid for a period of **90 days** from the date of opening of the bid. If before expiry of the validity period or issue of work order, whichever is earlier, the bidder amends / modifies / withdraws his bid, making unacceptable to the institute, then the Earnest Money Deposit shall be liable to forfeiture at the option of the Centre.
16. **The rates quoted by the tenderer should not only be inclusive of GST**, but also inclusive of freight, cost for loading & unloading etc. and must hold good till the completion of work and shall not be subjected to escalation due to increase in local market rates of materials and labor. No claim on this account what so ever shall be entertained at any stage including the extended period, if any. **GST will be paid as per actual based on Government Notification.**
17. The Intending bidders will have to produce documentary evidence in original in support of their credentials before the competent authority whenever demanded for verification. If any information furnished by the bidder is found as false / fabricated then his bid will be rejected and treated as cancelled, even if the same is detected at any stage after signing of the contract and would lead to termination of the contract besides forfeiture of Earnest Money Deposit (EMD) and liabilities towards prosecution under appropriate law. In such cases the bidder / tenderer will be debarred from participation in future tendering process for next 03 (Three) years.
18. Should there be any doubt or obscurity as to the meaning of any of the tender documents or if any further information is required, the tenderer must address his enquiry in writing in duplicate to *COO, AIC-BV Foundation Patna*. Such enquiries must be submitted not later than **03 (Three)** working days before the last date fixed for submission of the tenders.
19. The COO shall receive the sealed Bids, AIC-BVF not later than the time and date stipulated in the Notice Inviting Tender or Corrigenda otherwise. Tenders that are received after the date and time specified will not be considered.
20. The Technical Bid of tender will be opened on the specified date and time of opening at the COO, AIC-BVF Patna in the presence of bidders / tenderers or their Authorized representatives (with proper authorization letter from Owner / Proprietor / Partner /CEO/ MD / Director of the company mentioning Name, Address and designation of the person being authorized).
21. Date and time of opening of Price Bid will be informed to the Technically Qualified Bidders and will be opened at the COO, AIC-BVF in the presence of bidders / tenderers or their Authorized representatives (with proper authorization letter from Owner/Proprietor/Partner/CEO/MD/Director of the company mentioning Name, Address and designation of the person being authorized).
22. The Centre reserves the right to accept or reject any or all the offer including the lowest without assigning any reason. The Centre does not bind itself to accept the lowest offer.
23. The successful tenderer, shall deposit an amount equal to 5% of the tendered and accepted value of the work as performance guarantee in the form of Demand Draft of a Scheduled Bank in favor of AIC-BV Foundation payable at Patna. The time allowed for submission of the performance guarantee shall be 15 days of receiving "Letter of Acceptance" (LOA). This period can be further extended as the written request of the contractor by the Engineer-in-charge for a maximum period ranging from 1 to 15 days with a late fee @ 1.00% per day of Performance Guarantee Amount. If the bidder still fails to deposit the performance guarantee within the extended time period, i.e. within 16th day to 30th day from the issue of letter of acceptance (LOA), his bid will be rejected and treated as cancelled and the entire Earnest Money Deposit shall be forfeited. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the Contractor, without any interest.
24. Standard Centre payment procedure shall be followed. A sum @ 5% of the gross amount of the bill shall be deducted as Security Deposit from the bill of the contractor. However, Earnest Money shall be adjusted first in the Security Deposit and the rest amount to complete a sum of 5% of gross bill value will be deducted from the contractor's bill. The security deposit of the Contractor shall not be refunded before the expiry of defect liability period after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.

- 25. Liquidated Damage:** If a firm accepts an order and fails to execute the order in part or in full, as per the terms and conditions stipulated in the Work Order, it will be open to AIC-BVF to recover the liquidated damages from the firm at the rate of 1.0% per week of the contract value subject to a maximum of 10% of the contract value. It will also be open to the AIC-BVF alternatively, to arrange completion of the project from any other source at the risk and expense of the defaulter firm/contractor, which accepted the order but failed to execute the order according to the stipulated agreed upon. Defaulter contractor(s)/ firm(s) are also liable for blacklisting.
- 26. Applicable Law:**
- (a) The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing, as may be applicable upon by AIC-BV Foundation, Patna.
 - (b) All disputes are subject to exclusive jurisdiction of **High Court of Patna, India** only.
 - (c) Any dispute arising out of this contract shall be referred to the Chairman-cum-CEO AIC-BVF Patna, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, (to be appointed by the Chairman cum CEO of the AIC-BVF). The decision of such Arbitrator shall be final and binding on both the parties.
- 27. Force Majeure:** The Contractor/Firm shall not be liable for forfeiture of its security deposit, liquidated damages, or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- (i) For purposes of this Clause, "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Centre either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- If a Force Majeure situation arises, the Centre shall promptly notify AIC-BVF Patna in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Contractor shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 28.** If the contractor or its representative misbehaves with the persons involved in the execution work, the authority will have full power to do rescind the work and forfeit the security or any other dues.
- 29.** If any material is supplied by the Centre, the amount spent on this will be deducted from the bill of the contractor.
- 30.** If any item is inclusive of royalty, the amount the same will be deducted from the bill of the contractor.
- 31.** The Contractor has to follow COVID norms and supply sanitizers and mask to labourers and Manson on his own cost and also have to engage personnel having covid negative.

ADDITIONAL CONDITIONS OF CONTRACT

1. The quantities indicated are approximate and may vary at the time of execution. The Centre will exercise absolute discretion for operating all or some items of the schedule.
2. Contractor has to remove all the debris from the site of execution and dispose them at suitable places shown by the Engineer or his authorized representative at site.
3. Cement used for the work should not be older than two months from the date of manufacture. The contractor should purchase the cement from authorized dealer and submit the test certificates/vouchers prior to execution of the work.
4. All temporary arrangements, staging, working platforms etc. is to be provided by the tenderer at his own expense to the satisfaction of the Engineer-in-Charge. The Centre will not however, be liable to pay any compensation due to accident, injury to the contractor's work men or any account whatsoever.
5. The job is to be done as per CPWD/BCD works specification for Building / Civil works, as applicable and provisions made in relevant IS codes must be followed. Wherever these are silent, the construction and completion of works shall conform to sound engineering practice as approved by the Engineer- In-Charge. In case of any dispute arises out of the interpretation of the above, the decision of the Engineer-In-Charge shall be final and binding to the contractor.
6. The splashes of paints over doors, windows and floor shall be cleaned thoroughly after execution of the work.
7. Irrespective of rates quoted by the bidder, the contractor shall be solely responsible for payment of *Minimum Wages* as stipulated by the Government from time to time.
8. For painting works-
 - i. Volume of paint required is to be procured & stored at site during starting of work to avoid mismatch of shade and Challan/Tax invoice of procured paint, certified by the Manufacturers, should be submitted to the department
 - ii. Sampling of paint should be done in presence of the manufacturers' representatives and the quality of application to be certified by the manufacturer and the same to be submitted to the department.
 - iii. Surface preparation and procedure of paint application as suggested by the paint manufacturers to be followed properly and Checklist of paint (pro-forma will be provided by EIC during execution) to be jointly signed by the contractor, paint manufacturer.
 - iv. External Painting works to be guaranteed by the paint manufacturer for a period of 03years for Normal Acrylic Emulsion, 05 years for 100% Acrylic Emulsion and 05 years for super protective Acrylic Emulsion Paint. The warranty should cover replacing of paint to the extent of defect including cost of labor for re-application of coating as may be necessary to set right the paint failure, at the contractor's own risk and cost.

Paint failure shall mean:

 - a) Flaking/ peeling/ cracking or chalking of paint film
 - Or, b) growth of micro-organism like algae/fungus on the painted surface. or, c) fading of colour shade of painted surface.
 - v. For particular area, primer and paint to be used should be same approved by AIC-BVF Patna.

CHECK LIST FOR TENDER SUBMISSION (TWO BID)

(To be filled by the Tenderer by putting "✓" and to be signed & stamped)

Sl. No.	Description	Yes	No
1	Submitted requisite Tender fee		
2	Submitted requisite EMD		
3	Each pages of the tender document duly signed & stamped		
4	Form of Tender properly signed, stamped and enclosed with Financial Bid		
5	Financial Bid filled up with quoted prices (% above / below / at par) with proper Signature & Stamp		
6	Tender fee & EMD submitted in separately sealed envelope and duly marked on top with "NIT Number:", "Name of work:" and "Tender Fee & EMD"		
7	Technical Bid & Financial Bid submitted in separate sealed envelope and duly marked on top with "NIT Number:", "Name of work:" and "Technical Bid" / "Financial Bid" as the case may be and the "Name of the bidder:"		
8	All the three Envelopes put in another sealed Envelope duly marked on top "NIT Number:", "Name of work:" and the "Name of the bidder :"		

Name of the Bidder _____

(in Block letters)

Signature: _____

Address: _____



ATAL INCUBATION CENTRE- BIHAR VIDYAPITH
PATNA

TENDER DOCUMENT
FOR

RENOVATION AND INTERIOR INFRASTRUCTURE WORK AT AIC-BVF
PATNA

PART – II: FINANCIAL BID

NOTICE INVITING TENDER NO.: 06/2022-23

DATED:

Last Date & Time of Submission: 22.11.2022, upto 3:00 pm

CHIEF OPERATING OFFICER

AIC-BV FOUNDATION PATNA

Name and Address of Bidder: M/S. _____

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Sec. No.	SUBJECT	
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FORM OF TENDER

(To be filled by the Tenderer with sign & stamp and submitted within the Financial Bid envelope)

To
Chief Operating Officer
AIC-BV FOUNDATION PATNA

I/We, _____ Son/Daughter of Sri _____ Proprietor/Partner/CEO/MD/Director/s.
_____ of (Address) _____ having examined the site of works,
carefully read and understood the Specifications, General Conditions of Contract and Conditions of the
Tender, hereby tender and undertake to execute and complete all the works required to be performed in
accordance with the Specifications, Bill of Quantities, General Conditions of
Contract, the rates and prices set out in the annexed Bill of Quantities within _____ days / weeks / months
from the seventh day of the date of receiving work order.

I agree to execute the work at _____ % (in figure) (_____
percent) (in words) **ABOVE / BELOW / AT PER** the Estimated Rates.

I also declare that the information / documents furnished along with the application and tender are true
and authentic to the best of my knowledge and belief. I am well aware of the fact that furnishing of any
false information / fabricated document would lead to rejection of my tender / termination of contract at
any stage besides liabilities towards prosecution under appropriate law. Each page of the tender document
and papers submitted by my Company are authenticated, sealed and signed, and I take full responsibility
for the entire documents submitted with this tender.

I/We agree that the period for which the tender shall remain open for acceptance shall not be less than **90
Days**
from date of opening of tender.

Signature of the Tenderer / Authorized person

(Seal of the Tenderer)

Name of the tenderer _____

(In Block letters) Address: _____

**ATAL INCUBATION CENTRE BIHAR VIDYAPITH FOUNDATION
PATNA**

Name of Work: Renovation and Infrastructure

Work SCHEDULE OF QUANTITY

RENOVATION AND INTERIOR INFRASTRUCTURE WORK AT AIC-BV FOUNDATION ,PATNA

BILL OF QUANTITIES -AIC-BV , BIHAR						
SL. NO.	BCD SOR 2022	Particulars Of Items	Qty	Unit	Rate	Amount
1	2	3	4	5	6	7
		DEMOLITION & CIVIL WORKS				
1	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. 15.7.4 In cement mortar	47.72	Cum.	823.70	39304.84
2	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	333.50	Sqm.	21.70	7236.92
3	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	2.60	Sqm.	106.70	277.56
4	15.12	Dismantling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrage, holdfasts etc. complete and stacking within 50 metres lead:				
	15.12.2	Of area beyond 3 Sqm.	67.00	Sqm.	208.8	13989.60
5	N.S.1	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in with proper intermediate reinforcement and waterproofing coat : Cement mortar 1:4 (1 cement : 4 coarse sand)	22.60	Sqm.	8414.65	190191.32
6	13.18	15 mm cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall.	844.35	Sqm.	229.30	193609.89
7	11.47	Providing and laying Vitrified 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 brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				
	11.47.2	Size of Tile 600x600 mm	333.50	Sqm.	1333.30	444653.80
8	11.49	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				
	11.49.2	Size of Tile 600x600 mm	510.85	Sqm.	1263.10	645258.67

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9	12.45.4	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 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 : 12.45.1 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part 1) :2011 (Board with BIS certification marks) 12.45.2 12.5 mm thick tapered edge Glass Reinforced Gypsum (GRG) board conforming to IS: 2095- (Part 3):1996 (Boards with BIS certification marks)				
		12.45.1. 12.5 mm thick tapered edge gypsum moisture resistant board	1002.0 2	Sqm	828.20	829871.66
		PAINTING WORK				
		Exterior				
10	13.74	Removing white or colour wash by scrapping and sand paper in and preparing the surface smooth including necessary repair scratches etc. complete.	3125.0 0	sqm	7.70	24062.50
	13.78	Applying one coat of cement primer of approved brand and manufacture on wall surface:				
11	13.78.1	Cement primer	3125.0 0	Sqm	38.60	120625.00
12	14.75	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In- Charge.	600.00	Sqm	397.90	238740.00
	13.45	Finishing walls with textured exterior paint of required shade :				
13	13.45.1	New work (Two or more coats applied @ 3.28 ltr/ 10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm	3125.0 0	Sqm	215.20	672500.00
14	13.40A	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	1438.2 3	Sqm.	127.90	183950.02
15	13.78	Applying one coat of cement primer of approved brand and manufacture on wall surface: 13.78.2 Distemper primer	1438.2 3	Sqm.	38.70	55659.50

Far

16	13.94	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:	1438.23	Sqm.	116.50	167553.80
17	8.2	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.				
	8.2.2.2	Area of slab over 0.50 Sqm.	23.37	Sqm.	4401.20	102834.54
18	9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters				
	9.20.1	35 mm thick including stainless steel butt hinges with necessary screws	50.19	Sqm.	2845.60	142823.13
19		Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
	10.16.2	Hot finished seamless type tubes	380.00	kg	137.90	52402.00
20	9.169	Providing and fixing 19mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand boxes,shelves,racks,almirah,cupboard and drawer etc. including necessary nails,screws etc. complete as per direction of Engineer-in-charge.	1499.71	Sqm.	2490.60	3735177.73
21	9.171	Providing and fixing stainless steel soft closing spring hinges at degree hinges (hydraulic type) of approved make/brand to cupboard shutters with full threaded steel screws including making necessary recess in board and finished etc. complete as per direction of Engineer-in-charge	188	each	220.40	41435.20
22	9.172	Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per directions of Engineer- in-charge.	150.00	each	749.70	112455.00
23	14.7	Melamine polishing on wood work (one or more coat).	166.92	Sqm.	87.30	14572.12
24	N.S.2	Door Fittings, Closure, L-Drop, etc	23	No.s	3500	80500.00
25	N.S.3	Lock & Knob, Shelf Button, Glass Stand,	324	No.s	800	259200.00
26	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	74.00	each	1068.50	79069.00
27	18.8	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. Concealed work, including cutting chases and making good the walls etc.				
	18.8.4	32 mm nominal outer dia Pipes	300.00	Mtr.	594.80	178440.00
28	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				

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		of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	21.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	150.00	kg	386.10	57915.00
29	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):	80.00	Sqm.	1285.60	102848.00
	21.3.3	with float glass panes of 8 mm thickness (weight not less than 20 kg/Sqm.)				
30	21.4	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 upto 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.	25.00	each	2283.80	57095.00
	21.4.1	With stainless steel cover plate minimum 1.25 mm thickness				
31	17.78	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	11	each	11599.60	127595.60
32	17.7A	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	18	each	3932.10	70777.80
33	17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	6	each	3723.20	22339.20
34	17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
	17.73.2	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.	7	each	424.00	2968.00
35	17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	7	each	146.30	1024.10
		PLUMBING AND SANITARY				
36	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	27.00	each	434.20	11723.40
	18.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.	7	each	715.1	5005.70
	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.	7.00	each	708.40	4958.80

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	18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.	15.00	each	594.80	8922.00
	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931	12.00	each	500.40	6004.80
37	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 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).	103	Sqm.	5143	528705.18
	BCD Elect. SOR 2018	ELECTRICAL WORKS				
38	1.32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	55	each	413	22715.00
39	1.7	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	80	Mtr.	200	16000.00
40	1.5	Wiring for light/ power plug with 2 X 4 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit along with 1 Nos 4 sq. mm FR PVC insulated copper core cable for loop earthing as required.	825	Mtr.	200	165000.00
41	1.1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	1.1.2	Group B	393.00	each	559.00	219687.00
		ELECTRICAL PANEL				
42	NS4	Supply of Indoor cubicle extensible type Non compartmentalized 100 KVAR Automatic Power Factor Improvement panel, suitable for 415 V 50 Hz AC supply, suitable for 25 KA short circuit rating, conforming to minimum IP: 43 degree of protection, made of 14 SWG MS sheet frame work and 14 SWG MS sheet shutters, floor mounted, dust & vermin proof enclosure, having hinged cover on front and back having neoprene gasket stuck to the doors, duly painted with 65- 75 micron thick dry epoxy powder paint after 7 tank process of degreasing, derusting etc comprising of the following accessories complete with all interconnections with suitable size of Electrical Grade Aluminum strip/hard drawn PVC insulated copper cable i/c keeping the panel in position, minor civil works as necessary, painting, sign writing etc complete as required. The panel shall be provided with two distinct terminals for earthing connection. Panel shall be designed to improve the PF from 0.7 lagging to 0.95 lagging, calculated at full load capacity of the Transformer. (as per Instruction of Engineer- in -charge.)				
		1 No. 315 amps FP MCCB Thermal Magnetic based with adjustable Overload & Short circuit protection release and having suitable spreaders & Extended/Direct type Rotary Handle. (For Main Incomer)				
		3 Nos. 40A amps DP MCB, suitable for inductive load.				
		1 Set of 415V, 315A, 3Ø, 4W, 50Hz, 36kA for 1 sec. busbars of high conductivity electrolytic quality aluminium alloy. Bus bar shall be supported by DMC/SMC bus bar supports fixed at a distance as per relevant IS standards.	1	Each	210000	210000.00
		AIR CONDITIONING				

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43	NS	Supply, Installing, Testing, and Commissioning VRF units complete with Inverter driven scroll compressor, air cooled condenser with Inverter driven variable speed fan motor having interconnected control wiring and refrigerant piping housed in compact housing duly powder coated body. (Make Voltas, daikin, hitachi, Ogeneral)				
		22 HP Top Discharge Individual Unit	2			
		20 HP Top Discharge Individual Unit	2			
		VRF Evaporative Units of following actual capacities				
		4 WAY CASSETTE UNIT				4900000.00
		1.60 TR	1			
		2.03 TR	6			
		2.57 TR	4			
		3.20 TR	15			
		WALL MOUNTED UNIT				
		1.03 TR	4			
		Supply of Indoor Refnets	30			
44	5.11.4	Supplying and fixing recess mounted 12 watt LED vertical downlighter complete with all accessories and replaceable electronic driver, directly on false ceiling including connection with 1.5 sq.mm FR	180	each	671	120780.00
45	5.11.5	Supplying and fixing recess mounted 18 watt LED vertical downlighter complete with all accessories and replaceable electronic driver, directly on false ceiling including connection with 1.5 sq.mm FR PVC insulated copper conductor cable and earthing the body etc. as required.	213	each	1066	227058.00
46	N.S. 6	Providing and fixing Vinyl work for Lift and various Name plates and information boards in Data centre made with vinyl and pasting in Sun Board including designing printing and pasting and framing in MS frame as directed by Engineer in Charge	50	Sqm.	1450	72500.00
47	N.S. 7	Providing and fixing Branding work for chairman chamber in specified cuboid size made in high quality marble of 50 mm thickness with lighting arrangement as directed by Engineer in charge	2	Sqm.	10000	15329.00
48	N.S. 8	Lift up hinge	402	each	500	201000.00
49	N.S. 9	Wooden flooring	11	Sqm.	2000	22361.76
50	N.S. 10	Soft board / pin board	82	Sqm.	2400	196746.34
51	8.3 b	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	100.00	Sqm.	260.10	26010.00
52	9.14	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden / steel frame work, complete as per direction of Engineer-in-charge (Frame work shall be paid for separately)				
	9.14.0.1	12mm thick commercial ply conforming to IS : 1328 BWR type	362.96	Sqm.	933.30	338747.00
		Total Amount				16388210.48
				Round (-)		0.48
				Final Amount		16388210.00

(Rupees One Crore Sixty Three Lacs Eighty Eight Thousand Two Hundred Ten Only)

I agree to execute the work _____ % [in figure] ABOVE/BELOW/ AT PAR (

_____ percent) [in words] ABOVE/ BELOW/AT PAR Department estimated amount/ item rates.

Signature of Contractor with Date & Seal