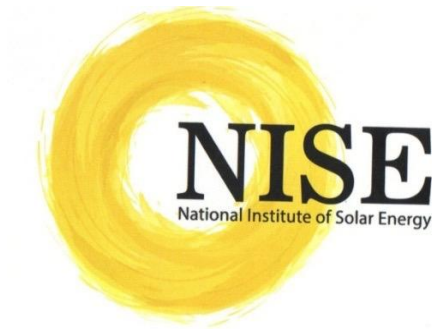


TENDER DOCUMENT
FOR
Repair and renovation of Sunborn Building and minor repair works in Old Guest House
at
National Institute of Solar Energy



NIT NO: Adm 2-CW0LW/2/2021-F/A-745/08/2026

The last date of receipt of bids: 04/09/2026 at 17:00Hrs

NATIONAL INSTITUTE OF SOLAR ENERGY
Gurgaon-Faridabad Road, Gwal pahari, Gurugram, Haryana-122003, INDIA
Telephone /fax No.:+91124-285 3008/ 2853070
Website: www.nise.res.in

Contents

Appendix –“A”: Notice Inviting Tender (NIT)	3
Appendix- “B”: Important Terms &Conditions.....	4-5
Appendix – “C”: Instructions to Bidders.....	6-10
Appendix -‘D’: Specification of Work	11-12
Appendix -‘E’: General Terms and Conditions	13-14
Appendix – “F”: Price Bid Format (BOQ).....	15-24
Annexure-“G” Declaration by the contractor.....	25

Appendix –“A”: Notice Inviting Tender (NIT)

National Institute of Solar Energy

(An Autonomous Institute of Ministry of New & Renewable Energy)

Gurugram-Faridabad Road Gwal Pahari

Gurugram -122003; Haryana

NISE is autonomous institute of Ministry of New and Renewable Energy (MNRE). The activities involved at NISE are Research, Design, Development; Performance Evaluation and Reliability Assessment of solar systems, its Components and Balance of Systems as per National and international standards. The focus of the institute is the resource assessment, testing, calibration & certification of interactive R&D, design development and demonstration of solar systems, standardization, technology up-gradation, training & skill development, consultancy, incubation of young entrepreneurs and other related works. On behalf of the Office of Director General, the National Institute of Solar Energy (NISE), Gurugram invites open E-tender from specialized agency for the list of items mentioned in this document.

Notice Inviting Tender (NIT)	
NIT No: - Adm 2-CW0LW/2/2021-F/A-745/08/2026	
Name of Work	Repair and renovation of Sunborn Building and minor repair works in Old Guest House at National Institute of Solar Energy
Estimated cost	₹56,60,000/- (Including GST)
Executive agency	“National Institute of Solar Energy” Gurugram
Eligibility criteria	Bids are invited only from the following: a) Any proprietorship/ partnership/ LLP, or company (private or public) having experience in similar nature of works i.e. civil/ electrical works executed, may participate in the tender. b) Bidder must have successfully completed at least one (01) similar nature work costing not less than 80% of the estimated value of the NIT, completed during the last 03 years. (or) c) Any MSME entity or Startup seeking exemption for work experience must submit a valid MSME UAM Certificate or Startup India Certificate, as per the extant Government guidelines.
Scope of Work	Scope of work include Civil and Electrical work for Repair and renovation of Sunborn Building and minor repair works in Old Guest House at National Institute of Solar Energy. The details of schedule items to be executed are listed in BOQ mentioned in appendix “F, Tender document can be viewed on NISE website and available for download. The bid should be submitted online through e-wizard.
Last date for submission of bids	04/09/2026 at 17:00 Hrs
Date of opening of bids	07/09/2026 at 11:30Hrs

Appendix- “B”: Important Terms & Conditions

National Institute of Solar Energy

(An Autonomous Institute of Ministry of New & Renewable Energy)

Gurugram-Faridabad Road Gwal Pahari

Gurugram -122003; Haryana

On behalf of the Office of Director General, the National Institute of Solar Energy (NISE), Gurugram invites online Bids from firms with valid documents for the scope of work: **“Repair and renovation of Sunborn Building and minor repair works in Old Guest House at National Institute of Solar Energy”**.

(As per the sections of the specification mentioned in the tender document)

Notice Inviting Bid (NIT) No.	Adm 2-CW0LW/2/2021-F/A-745/08/2026
Name of Work	Repair and renovation of Sunborn Building and minor repair works in Old Guest House at National Institute of Solar Energy
Estimated cost	₹56,60,000/- (Including GST)
Eligibility criteria	Bids are invited only from the following: a) Any proprietorship/ partnership/ LLP, or company (private or public) having experience in similar nature of works i.e. civil/ electrical works executed, may participate in the tender. b) Bidder must have successfully completed at least one (01) similar nature work costing not less than 80% of the estimated value of the NIT, completed during the last 03 years. (or) c) Any MSME entity or Startup seeking exemption for work experience must submit a valid MSME UAM Certificate or Startup India Certificate, as per the extant Government guidelines.
Submission of Bids	1- The scope of work to be tendered are available in the complete tender document, which can be viewed /downloaded from the e-tender portal of http://nise.ewizard.in. 2- The bid shall be submitted along with all necessary document w.r.t eligibility criteria. Bidders are advised to upload their bids well in advance to avoid any last-minute technical issues/snags. 3- All Corrigendum/Amendment/Corrections, if any, will be published on the website http://nise.ewizard.in 4- All the applicants must have a valid Digital Signature Certificate signing and encryption (in the name of the person who will sign the bid document). 5- It is mandatory for applicants to register their firm/joint venture on the e-tendering portal http://nise.ewizard.in to have User ID and Password from M/s ITI Ltd. 6- Bidders/Vendors/Suppliers/Contractors must get themselves registered on the portal for participating in the e-tenders published by the department. Detailed registration help manual is available in bidder help manual kit. 7- All required documents as per tender clause must be uploaded on E-wizard wherever indicated during the submission of bid. 8- The bidder shall possess valid PAN, GST Registration, EPF Registration and ESIC Registration, wherever applicable, and copies of the same shall be submitted along with the bid
Earnest Money Deposit (EMD)	• Bidder must be submitted EMD (3% of the Estimated cost) online through Tender Wizard E-Payment. • MSME UAM certificate / Startup India Certificate in case of any Exemption sought for EMD/ experience.

Completion of work	Within 180 Days from the date of issue of Work Order (WO).
Performance Security Deposit	3 % of contract value as Performance Security Deposit must be deposited into NISE Account by the bidder on intimation of Offer Letter /Email. Performance Security deposit shall be released after expiry of defect liability period and settlement of all contractual dues.
Warranty Period	Warranty Period /defect liability period of the executed work will be 12 months from the date of satisfactory inspection of the completed work by the NISE Committee.
Liquidated Damage and Penalty	If the bidder/Manufacturer/Supplier fails to complete the work within the period specified or deliver the Goods or to perform the Services within the period (s) as indicated in Appendix “A”, “B”, “C”, “D”, “E”, “F”, and “G” specified in the Tender Document / Contract, the Purchaser shall, without prejudice to its other remedies under the contract, deduct half percent (0.5%) of contract price per week for the delay subject to a ceiling of 10% of the final contract price/tender value. A penalty of 5% of Tender Value will also be charged from the contractor in case of any damages to NISE property/resource during the execution of work.
Bid Validity	All Bids received against published NIT shall be valid for at least 1 year from the date of opening Tender Bids.
Payment Terms	The total Payment to the contractor for the awarded work will be released after the satisfactory completion of the work. No advance or partial payment will be released to contractor before completion of work. Contractor shall raise the invoice/ bill on actual work executed as measured in presence of works committee of NISE as per rates quoted in work order.
Address for Communication of tender issuing and Accepting officer	Assistant Director (Admin), National Institute of Solar Energy, Gurugram - Faridabad Road, Gwal Pahari, Gurugram- 122003, Haryana, India. Email: d.pandey86@gov.in Phone No.: +91124-285 3070

Director- General
National Institute of Solar Energy
Gurugram-Faridabad Road,
Gwal Pahari, Gurugram - 122 003,
Haryana, India

Appendix – “C”: Instructions to Bidders

- (i) Only those bidders who fulfill the eligibility criteria mentioned in **Appendix B** shall apply for the said NIT.
- (ii) Bidders should submit their price bid as per the format provided at **Appendix-F**.
- (iii) Bidders who do not meet the criteria given above or make an untrue or false presentation, statements and attachments submitted in proof of the qualification requirements or have a record of poor performance, do not properly complete the contract, cause inordinate delays in completion or financial failure are subject to disqualification.
- (iv) All Bidders will undergo a strict scrutiny process for evaluation. Submission of the bid alone does not guarantee the award of Work Order to the Bidder.
- (v) The work is to be completed within the period as indicated in aforesaid **Appendix ‘B’** in accordance with the phasing, if any, indicated in the tender from the date of handing over of site.
- (vi) The NISE will return the earnest money applicable to all unsuccessful tenderers as per the bank details submitted in bid document.
- (vii) Bidder shall comply with the provisions of various Acts and Statutory requirements such as Contract Labor Act, Minimum Wages Act, Child Labor (Protection) Act, Factory Act, Shops & Establishment Act etc. and any other enactment made in this regard from time to time.
- (viii) Bidder shall quote rates on the format of BOQ published in this tender.
- (ix) Bidders must submit the EMD as specified in the NIT (Notice Inviting Tender). Scanned copies of the EMD are usually uploaded, and the original document must be submitted as instructed.
- (x) **Rejection Clause:** Failure to submit all required information or failing to meet technical specifications can lead to a "substantially unresponsive" bid. Conditional bids shall be summarily rejected.
- (xi) Bidders must account for any clarifications or changes (corrigendum) published before the submission deadline.
- (xii) The offer of the contractor should also include the cost of transportation of materials from their show room/ Go-down to afore mentioned place and placement at the location indicated by Engineer in-charge.
- (xiii) The firm/contractor will be entirely responsible for quality of items installed at any place and quality workmanship is required. The contractor should replace the rejected /damaged materials without involving any type of extra cost & repair the same and remove all sorts of debris materials from all the places and clean the floor walls etc. Contractor cannot deny any sort or kind of work i.e. repairs in lat./bath changing w/c, urinal pots etc.
- (xiv) The work done should as per the specifications as approved by the Engineer-in-charge no defects should appear and the repair work should be done with quality workmanship to appear as good as in shape.
- (xv) The performance guarantee deposit will be forfeited in case of violation of the terms and condition of the contract.
- (xvi) Disputes, if any, shall be resolved in accordance with Arbitration and Conciliation Act, 1996 as amended from time to time.
- (xvii) NISE reserve right to terminate contract for poor performance, delay, abandonment, false information, insolvency, breach of contract.
- (xviii) NISE reserves the right to accept or reject any or all bids without assigning any reason.

- (xix) Competent Authority reserves the right to annul all bids or discontinue tender process, without assigning any reason at any time prior to the award of contract with the successful bidder.
- (xx) In case any information/document furnished by the bidder is found to be false, fabricated or misleading at any stage, the bid shall be rejected and EMD/Performance Security may be forfeited. Further, the bidder may be debarred from participating in future tenders of NISE. The bidder shall observe the highest standard of ethics during the procurement and execution of the contract. Any act of fraudulent practice, collusive bidding, coercive practice or conflict of interest shall render the bidder liable for rejection/termination of contract and other action as deemed fit by NISE.

Director-General
National Institute of Solar Energy
Gurugram-Faridabad Road,
Gwal Pahari, Gurugram-122003,
Haryana, India

Bank Details for the Purpose of issuing EMD in the form of FDR/BG	
Account Holder Name	National Institute of Solar Energy (NISE),
Account Holder Address	Gurugram-Faridabad Highway, Gwal Pahari Gurugram-122003, Haryana Tel: +91 124285 3008; 3070
Bank Name	State Bank of India
Branch	Shop no. 12, DLF Qutub Enclave, Haryana
SB Account No.	33843408697
IFSC Code	SBIN0006604
MICR Code	110002197
Branch Code	06604
NISE GST Details	
Full address	National Institute of Solar Energy Gurugram–Faridabad Road Gwal Pahari; Gurugram–122003, Haryana
GST No	06AAAJN0939P1ZR
State Code	06

FORMAT FOR SUBMISSION OF BIDDERS DETAILS

1.	Name of bidder	
2.	Registered Address	
3.	Phone No	
	Name of proprietor/ CEO/ Chairman	
	Phone no/Mobile No	
	Email ID	
4.	Correspondence Address	
5.	Name of Contact Person	
	Designation	
	Phone no/ Mobile No	
	Email ID	
6.	Website	
7.	Bank related information	
	Bank name	
	Branch name	
	Branch address	
	RTGS-IFSC Code	

	Account type	
	Account Name	
	Account no	
8.	PAN No.	
9.	GST No.	
Documents to be submitted along with bid 1. Document in support of eligibility of bidder mentioned in Appendix B : Eligibility criteria 2. Previously executed work orders with respect to civil and electrical works.		

I certify that the information given herein is correct to the best of my knowledge and belief.

Signature of Proprietor/CEO/Chairman

Seal of the company/concern.

Appendix 'D': Specification of Work

The specification of work for “Repair and renovation of Sunborn Building and minor repair works in Old Guest House at National Institute of Solar Energy”.

1. Specification of the work for the above NIT will be strictly governed by the BOQ items as well as the quantity for respective items listed in **Appendix-F**.
2. All material to be provided by the contractor shall be in conformity with the specifications laid down in the contract and the contractor shall, if requested by the Committee, furnish proof to the satisfaction of Committee through the samples of the materials to be used for the execution of work.
3. The Committee shall have full powers to require removal of any or all of the materials brought to site by the Contractor which are not in accordance with the contract specifications or do not conform in character or quality to samples approved by him. In case of default on the part of the contractor in removing rejected materials the Committee shall be at liberty to have them removed by other means. The Committee shall have full powers to procure other proper materials to be substituted for rejected materials and in the event of the contractor refusing to comply, he may cause the same to be supplied by other means. All costs, which may attend upon such removal and /or substitution, shall be borne by the Contractor.
4. Excavation shall be carried out in any type of soil/rock/concrete met at the site for items and to the lines, levels and contours as directed by the Engineer.
5. Suitable type of shoring and strutting, wherever necessary, shall be provided to avoid any collapse of earth or cutting in slope as per site requirement and as directed by the Engineer.
6. If any bottom of excavation is left exposed and has become deleteriously affected by atmosphere or water, it shall be dewatered and excavated to sound base, and shall be filled up to the required level with lean concrete of grade M-15 at the cost of Contractor. Similarly, excess excavation than the required level also to be filled up with lean concrete at the cost of Contractor.
7. Backfill material shall be either that part of excavated material, which is specially approved by NISE Administration as suitable for backfill and stacked separately for this purpose or material brought from outside sources.
8. Back filling shall be done in layers of thickness not exceeding 20 cm. Optimum watering shall be done to obtain maximum compaction and density free from pockets. Compaction shall be done with mechanical equipment such as plate vibrators, rollers. In exceptional cases hand compaction may be resorted.
9. The Contractor shall be required to co-ordinate their activities so that services viz. air conditioning, electrical installations and interior /civil work are not damaged.
10. After completion of the star-up trials and duly tested by the Engineer, the Employer may instruct the Contractor for commissioning for the Systems. All the equipment's / items in the system shall be operated to establish proper sequencing/ synchronization and co-ordinate working of the equipment's/ items. Any defect notice during this period shall be promptly rectified by the Contractor.
11. The offer of the contractor should also include the cost of transportation of materials from their show room/ Go-down to afore mentioned place and placement at the location indicated by Engineer in-charge.

12. All works are to be strictly executed in accordance with BOQ. Quantities indicated in BOQ are tentative and may vary depending upon site requirement. Payment shall be made on actual executed quantity. The quoted rates shall be inclusive of all taxes, duties, transportation, loading/unloading, labour charges, GST and all incidental expenses unless specifically mentioned otherwise

Director-General
National Institute of Solar Energy
Gurugram-Faridabad Road,
Gawal Pahari, Gurugram-122003,
Haryana, India

Appendix -‘E’: General Terms and Conditions

1. **Site Survey:** Interested Bidder/Vendor are requested to inspect the site, NISE with prior appointment with site in-charge and get them acquainted with the nature of work and local conditions that may have a bearing on the rates/quotes.
2. **Taxes and Duties:** Manufacturer/Supplier shall be entirely responsible for all taxes, GST, license fees, Custom duty (NISE shall provide only Customs duty exemption and concessional GST exemption certificate), all other duties, demurrage charges (if any), road permits, etc., incurred until delivery of the contracted goods at the Purchaser’s premises i.e., NISE, Gurugram. In this respect, the bidders must ascertain all their doubts, if any, from NISE before submission of their bid.
3. **Applicable Law:** The Contract shall be interpreted according to the laws of the Union of India and all disputes shall be subject to the place of jurisdiction in Gurugram, Haryana
4. **DEMOLITION/ DISMANTLING**
 - (i) The contractor shall carryout demolition/dismantling carefully without any damages to the existing structure/features. In the event of any loss or damage, the contractor shall at his own expense reinstate and make good to the full satisfaction of Committee
 - (ii) During demolition/dismantling all necessary precaution shall be taken by the contractor.
 - (iii) The demolition/dismantling materials shall remain Government property & the contractor shall remove & keep the materials in NISE as per BOQ.
5. **COARSE AGGREGATE:** Coarse aggregate shall conform to IS and locally available in area.
6. **FINE SAND:** Fine aggregate for all concrete work shall be “BADARPUR” sand and/ or “GHAGGAR” river sand (from near Locally area) conforming to samples.
7. **Note:** Wherever “Badarpur” sand has been specified in the tender documents, the contractor shall be permitted to use “Gagger” sand (from near Locally area) at his own cost, if he so desires due to inadequate supply/non availability of “Badarpur” sand. No price adjustment shall be made on this account. Sample of “Gagger” sand shall however, be got approved from the DG NISE before incorporation in the work. Other provisions in the respective clauses shall remain unchanged.
8. All above quantities are tentative, may increase or decrease as per site requirements and will be paid as per actual supplied/ installed. Items to be received in installments as per site requirements. All Cables to be Fire Resistant & all Cable/Wires should be numbered with marker ferules at both ends.
9. **WATER:** Water for the use of construction work will not be provided by NISE and the contractor will have to make his own arrangements for supply of water as well as any other special resources required in the execution of the said.
10. **Electricity:** Electricity will be provided by NISE. All necessary arrangements including cables and other required materials and safety should be ensured by the firm.
11. **LOCATION OF WORKS:** - National Institute of Solar Energy, Gurugram
12. **WATCH/LIGHTING:** - The contractor shall at his own cost take all possible precautions to ensure safety of life and property by providing necessary fencing, barriers, light, watchmen etc. during the progress of work and as directed by the Committee.
13. **HANDING OVER OF SITE:** Site for execution of work will be made available as soon as the work is awarded. In case it is not possible to make the entire site available on the award of work, the contractor will have to arrange his working programmer accordingly. No claim whatsoever, for not

giving entire site on award of work and for giving site gradually, will be tenable.

14. **WORK ON HOLIDAY:** - The contractor shall not carry out work on gazetted holiday weekly holidays, National Holiday and other non-working days except when he is specially authorized in writing to do so by the DG. The DG NISE may at his sole discretion declare any day as holiday or non-working day without assigning any reason for such declaration.
15. **Measurement & Testing:** Work must not be covered before inspection by the Engineer-in-Charge, requiring at least seven days' notice for inspection.
16. **Quality & Materials:** All materials (cement, aggregates, water) must conform to IS codes. Design Mix Concrete is paid at a uniform rate regardless of grade, with the grade used specified in the bill of quantities (BOQ).
17. All welding and fabrication work shall be carried out by skilled personnel using approved methods and shall ensure proper alignment, finishing, and structural integrity.
18. **Rates and Payments:** The Rates includes costs for labour, materials, tools, plant, machinery, and transportation. GST and Contractor's Profit & Overheads.
19. Neither party shall be liable for failure or delay in performing obligations under the contract due to events beyond reasonable control including acts of God, natural calamities, war, strikes, pandemic, government restrictions or any other force majeure conditions.
20. In case of failure of the contractor to execute the work within stipulated time or abandonment of work, NISE reserves the right to get the remaining work executed at the risk and cost of the contractor without prejudice to other contractual remedies available.
21. The contractor shall be solely responsible for the safety of workers, equipment and surrounding property during execution of the work. The contractor shall provide and ensure the use of appropriate Personal Protective Equipment (PPE), including safety helmets, safety shoes, gloves, safety belts and other necessary protective gear by all personnel deployed at site. The contractor shall also maintain adequate insurance coverage for manpower deployed at site.
22. The contractor shall remove all debris/waste material generated during execution of work and keep the site neat and clean at all times without any additional cost to NISE.
23. Any damage caused to existing buildings, roads, utilities, cables, pipelines or equipment during execution of work shall be made good by the contractor at his own cost.
24. All disputes arising out of this tender/contract shall be subject to jurisdiction of competent courts located at Gurugram, Haryana only.
25. **All electrical components supplied must be brand new, unused, and bear the valid Bureau of Indian Standards (BIS) and ISI markings:**
 - **Modular Switches & Outlets:** Must strictly conform to IS 3854 for domestic and similar purposes.
 - **Wires:** Must comply with IS 694 with guaranteed Flame Retardant Low Smoke properties.
 - **PVC Conduits:** Must comply with IS 9537 (Part 3) for conduits enclosing electrical installations.

Appendix – “F”: Price Bid Format
(On Company’s Letter head)

Date: / /2026

PRICEBID/ SCHUDLE OF RATE/ BOO

Bidders are requested to provide rates for below scheduled items after site inspection: -

Repair works in Sunborn Building & old guest house at Nise					
A) Civil Work					
SI No	Description of Items	Unit	Qty	Rate (Including GST)	Amount (Including GST)
1	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc.	sqm	4100		
2	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :				
	New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	sqm	2600		
3	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	sqm	1500		
4	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	sqm	50		
5	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	2800		
6	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge.				
	Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	cum	25		
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				

	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	30		
8	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.				
	In cement mortar	cum	10		
9	Brick work with common burnt clay selected F.P.S. (non modular) bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand)				
	Above plinth level upto floor V level	cum	30		
10	15 mm cement plaster on the rough side of single or half brick wall of mix:				
	1:4 (1 cement : 4 fine sand)	sqm	450		
11	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	For thickness of tiles 10 mm to 25 mm	sqm	450		
12	Providing and laying 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	250		
13	Providing and fixing 1st quality ceramic glazed floor/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.	sqm	200		
14	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:				

	(a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.				
	(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.				
	(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge.				
	(d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep.				
	(e) The whole terrace so finished shall be flooded with water for a minimum				
	period of two weeks for curing and for final test. "All above operations to be done in order and as directed and specified by the Engineer-in-Charge":	sqm	100		
15	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases above plinth level up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20%: 3 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) upto 20%)	cum	3		
	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	Hot rolled deformed bars	Kg	45		

16	Providing and fixing Stainless steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:				
	Kitchen sink with drain board				
	510x1040 mm bowl depth 200 mm	each	3		
17	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	Of area 3 sq. metres and below	each	25		
	Of area beyond 3 sq. metres	each	1		
18	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):				
	With float glass panes of 8 mm thickness (weight not less than 20 kg/sqm)	sqm	40		
19	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.				
	Upto 5 mm depth and 5 mm width	metre	200		
20	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge				
	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	sqm	100		
21	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. flat 15x3 mm and nuts & bolts complete.				
	Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides	sqm	50		
22	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	kg	150		
23	Providing and fixing 150 mm bright finished floor brass stopper with rubber cushion, necessary brass screws etc. to suit sutter thickness complete	each	10		

24	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	10		
25	Providing and fixing Brass 100 mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	each	10		
26	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 / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	500		
27	Carben Steel galvanised (min 5 micron) dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 120 mm	10 Nos	15		
28	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	W.C. pan with ISI marked white solid plastic seat and lid	each	10		

29	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:-				
	White Vitreous China Wash basin size 550x400 mm with a 15Brass single hole basin mixer mm CP	each	10		
30	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
	Rectangular shape 453x357 mm	each	10		
31	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :				
	150 mm diameter	each	10		
32	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	15 mm nominal bore	each	35		
33	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge.				
	(a) 15 mm nominal dia	each	14		
34	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
	15 mm nominal dia Pipes	metre	300		
	20 mm nominal dia Pipes	metre	180		
	25 mm nominal dia Pipes	metre	80		
35	Providing and fixing brass bib cock of approved quality :				
	20 mm nominal bore	each	30		
	15 mm nominal bore	each	35		
36	Providing and fixing brass stop cock of approved quality :				
	20 mm nominal bore	each	30		
37	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	45 cm length				
	20 mm nominal bore	each	25		

38	Providing and fixing PTMT Bottle Trap for Wash Basin and Sink				
39	Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260gms	each	5		
40	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour				
	Waste coupling 31 mm dia of 79 mm length and 62 mm breadth weighing not less than 45 gms	each	3		
41	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain pipe etc. complete:				
	For pipes 100 to 300 mm diameter	each	30		
42	Providing and fixing white vitreous china battery based infrared sensor operated 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.	each	5		
43	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in charge.	each	4		
44	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.	each	5		
45	Disposal of building rubbish/ malba/ similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	5		
46	Providing and fixing on wall face unplasticised 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, (i) Single socketed pipes.				
	110 mm diameter	metre	250		

47	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised 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				
	Coupler				
	110 mm	each	25		
	Single tee without door				
	110x110x110 mm	each	5		
	Bend 87.5°				
	110 mm bend	each	10		
48	Treatment at points of contact of wood work by chemical emulsion Chlorpyrifos (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	sqm	250		
49	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	All kinds of soil. cum 286.85	cum	30		
50	Supply and Installation of 1000 ltr PVC Water Storage Tank including of thiar fittings and connection, The tank should be 3-layer (UV protection, insulation, food grade) or 4-layer (including antimicrobial inner layer)	each	2		
Total					
B. Electrical Work					
Sl. No.	Description of Items	Unit	Qty	Rate (Including GST)	Amount (Including GST)
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.				
1.1	Group B	Point	140		
2	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in				

	surface/ recessed medium class PVC conduit as required.				
2.1	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	700		
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	500		
3	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
3.1	5/6 amps switch	Each	50		
3.2	3 pin 5/6 A socket outlet	Each	50		
3.3	15/16 A switch	Each	120		
3.4	6 pin 15/16 A socket outlet	Each	120		
4	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.				
4.1	6 Module (200mmX75mm)	Each	60		
4.2	3 Module (100mmX75mm)	Each	50		
5	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	Each	50		
6	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).				
6.1	8 way (4 + 24), Double door	Each	5		
7	Providing and fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required.				
7.1	63 A TP&N	Each	5		
8	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
8.1	Single pole	Each	100		
9	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
9.1	20 mm	Meter	700		

10	Supply, installation , Testing and commissioning of following type 200 Amp, 5 way outdoor power control distribution panel including Digital voltmeter, ampere meter & indicator as required Input: 200 Amp, 3-phase, 4-wire system Outputs: 2 nos. of 100 Amp, 3-phase, 4-wire systems 2 nos. of 63 Amp, 3-phase, 4-wire systems Protection Devices: (MCCB (Molded Case Circuit Breaker), 200 Amp, 3-phase, 4-wire system), 3-phase, 4-wire system MCCB (Molded Case Circuit Breaker.): 100 Amp, 3-phase, 4-wire system (2 nos.) TPN (Three-Phase Neutral): 63 Amp, 3-phase, 4-wire system (3 nos.)	Each	2		
Total B (electrical work)					
Total (A+ B) Including GST					

Annexure-“G” DECLARATION BY THE CONTRACTOR

I/We _____ contractor hereby undertake following declaration as part of our participation in tender floated by **NISE Gurugram** with **NIT No.** _____, that:

Any labour/mechanic engaged on the plant will be paid on Minimum wages a notified by state/district authority as per entitled category.

I/We declare that our firm/company falls/do not falls under MSME category of MSE procurement policy issued by Ministry of MSME (tick appropriate).

I/We also undertake to abide by the various laws in force and extend necessary facilities and amenities to the staff and workers employed by me/us.

I/We hereby declare that I/We are myself/ ourselves thoroughly conversant with the local conditions regarding all materials and labour on which I/We have based my/our rates for this work. The specification/ conditions of this work have been carefully studied and understood by me/us before submitting this tender.

I/We hereby promise to get ourselves registered with the labour department as per provision of the laws before commencement of the work.

I/We hereby declare that I/We have never been blacklisted/debarred from taking work by NISE.

I/We have read the tender document and understood all the provisions and specifications in totality. All terms and conditions stipulated intender document are acceptable to us. We do not have any term and condition of our own.

Signature of the contract

(Seal & Date)