

**BOSE INSTITUTE  
KOLKATA**

Tender No.	B.I./T/OVR/08/2020
Tender Date	24.06.2020
Tender Type	Open

Tender Title	<b>Immediate rectification at different campuses of Bose Institute which is damaged due to super cyclone "Amphan" stormed on 20.05.2020 in West Bengal</b>
Schedule of work	<b>Schedule - I, II, III, IV</b>
Quantity	Please refer to <b>Schedule- I, II, III, IV</b>

Last Date & Time for submission	15.07.2020 upto 2:00 p.m.
Date & Time for opening bids	15.07.2020 at 2:30 p.m.
Submission of Tender (address)	Tender box at Overseer Cell, (Room no 114) Main block ground floor at Centenary Building, Bose Institute, P-1/12, CIT Scheme VII-M, Kolkata 700 054
Venue of bid opening	Annexe Block, Centenary Building
For any query the interested bidders may contact (Dept./Section/Div./Unit)	033 2569 3212

General & Special Terms & Conditions	<b>Annexure - V</b>
Time of completion of the work	21 days
Bid security (earnest money deposit) if applicable	Main Campus = Rs. 24,000/-, Shyamnagar Experimental Farm = Rs. 5,000/-, Madhyamgram Experimental Farm = Rs. 20,000/-, Unified Academic Campus = Rs. 15,000/-
Any other information (if applicable)	N.A.

<b>Name of the job and submission of tender should be mentioned on the envelope positively</b>
<b>Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons for rejecting the tender of a prospective bidder will be disclosed only when enquiries are made.</b>

**Registrar (Officiating)**

**GENERAL RULES AND DIRECTION  
FOR THE GUIDANCE OF CONTRACTOR**

1. Contractor tendering for the work should visit the site make himself thoroughly acquainted with the nature requirement of the case, facilities for access of materials source of water supply for boring purposes, removal of rubbish, working facilities, cost of carriage, freight and other charges necessary for the execution of work and shall take into consideration in their tender for any special difficulties they might encounter although these may not be mentioned in the specification, and no claim on any such accounts will be entertained.
2. Tenderer is to include in their all the Govt. taxes as will be applicable viz. Sales tax, Income Tax, all duties, Labour welfare Cess and/or any other taxes or local charges payable and no separate claim on any such account can be considered. GST will be paid separately as applicable.
3. Tenderer should invariably **quoted the rates both in figures and/in words**. Tenders which do not comply with this rule will be liable to rejection.
4. Tenderer should sign each and every page of the attached specifications, conditions and schedule of items.
5. The tendered rates for the work shall be taken to be firm. The contractor shall not be entitled to any price variation or escalation on any account whatsoever.
6. Sealed tender duly signed should be submitted in triplicate in a sealed cover, super-scribed with the name of the work and addressed to the Registrar, Bose Institute, 93/1, A.P.C Road, Kolkata – 700 009.
7. The Institute reserves the right to reject any or all the tenders and is not bound to accept the lowest tender.

**- : TENDER FOR THE WORK: -**

I/We hereby tender for the execution for the Bose Institute of the work specified in the under-written memorandum within the time specified in such memorandum at the rate specified therein, and in accordance in all respects with the specification, designs, drawings and instruction in writing mentioned in the conditions of contract, and with such materials as are provided for, by and in all respects in accordance with such conditions so far as possible.

**-: MEMORANDUM: -**

- |                                      |   |  |
|--------------------------------------|---|--|
| (a) General description of the work. | : | <b>Immediate rectification at different campuses of Bose Institute which is damaged due to super cyclone "Amphan" stormed on 20.05.2020 in West Bengal</b> |
| (b) Estimated Cost                   | : |  |
| (c) Earnest Money                    | : |  |
| (d) Security Deposit                 | : | 10%  |

The security deposit will be collected by deduction from the running bills of the contractor at the rates mentioned above and the earnest money will be treated as part of the security deposit.

**Contd..2**

(e) Time allowed for the work is within 03 (three) weeks from the 3<sup>rd</sup> of receiving the work order.

The tender will remain open for acceptance for 3 (Three) months from date of receipt of this work order, in whole or in part, I/We hereby agree (i) to abide by and fulfill all the terms and provisions of the said conditions annexed hereto and all the terms and provisions in notice inviting tenders so far as applicable and/or in default thereof to forfeit and pay to the Institute the sum of money mentioned in the conditions. A sum of Rs. /- is hereby forwarded in the form of Demand draft/pay Order against the Earnest Money.

If I/We fail to commence the work specified in the above memorandum, I/We agree that the said Director without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money or to execute all the work referred to in the tender documents upon the terms and conditions contained or referred to therein.

Dated :

Witness :

Address :

**Signature of the Contractor**

Occupation :

The above tender is hereby accepted by me on behalf of the Bose Institute.

Dated: the ..... Day of .....2020

**Signature**

At Bose Institute  
93/1, Acharya Prafulla Chandra Road,  
Kolkata – 700 009

**- : SPECIFICATION AND CONDITIONS DEFINITIONS: -**

1. **INSTITUTE:** the term “Institute” hereinafter referred to shall mean Bose Institute, 93/1, Acharya Prafulla Chandra Road, Kolkata – 700 009, or its Director.
2. **ENGINEER-IN-CHARGE:** The Engineer-in-Charge shall mean the person employed by Institute for the purpose of superintending the works.
3. The “Contract” means the documents forming the tender and acceptance thereof together with the document referred to therein including these conditions, the specifications, designs, drawings, and instructions issued from time to time by the director, Bose Institute or his authorized representative or the Engineer-in-charge and all these documents taken together shall be deemed to form one contract.
4. The expression work shall be construed and taken to mean the work by or by virtue of the contract contracted to be executed whether temporary or permanent and whether original, altered, substituted or additional.
5. The “Site” shall mean the land and/or other places on, into or through which work is to be executed.

**Contd..3.**

6. The "Contractor shall mean the individual or firm or Company, whether incorporated or not, undertaking the works and shall include the legal personal representative or such individual or the successors of such firm or company.

Words imparting the singular number include the Plural number and vice verse.

**- : CLAUSES: -**

1. The time allowed for carrying out the work shall be 03(three) weeks from the 3<sup>rd</sup> day of receiving the work order. The work shall through out the stipulated period of the contract be processed with due diligence and the contractor shall pay or allow the institute to realize the sum equivalent to 1% of the total cost of work per week subject to a maximum limit of 10% of the Order value or final bill amount whichever is greater as agreed compensation for delay for the period during which the said work shall remain incomplete beyond the time of completion. Notwithstanding above, the director, Bose Institute may at his discretion reduce the amount of compensation and his decision in writing shall be final provide always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed ten percent on the estimated cost of the works as shown in the tender.
2. The employer may without prejudice to his right against the contractor in respect of any delay or inferior workmanship or otherwise or to any claims or damage in respect of any breaches of the contract and without prejudice to any rights or remedies under any of the provisions of this contract or otherwise and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in the following cases: -
  - (i) If the contractor having been given by the Engineer-in-charge a notice in writing to rectify reconstruct or replace any defective work or that the work is being performed in any inefficient or otherwise improper or un-workman -like manner shall omit to comply with the requirement of such notice for a period of 7 day thereafter or if the contractor shall delay or suspend the execution of the work so that either in the judgment of the employer (which shall be final and binding) he will be unable to secure completion of the work by the date of completion or he has already failed to complete the work by that date.
  - (ii) If the contractor commits breach of the terms and conditions of this contract.
3. When the contractor has made himself liable for action under (2) above the employer shall have power: -
  - (a) To determine or rescind the contract as aforesaid (of which termination or recession notice in writing to the contractor by the Institute shall be conclusive evidence). Upon such determination or rescission, the security deposit of the contractor shall be liable to be forfeited and shall be absolutely at the disposal of the Institute, and
  - (b) After giving notice to the contractor to measure up the work of the contractor and to take such part thereof as shall be unexecuted out of his hands and to give it to another contractor to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor if, the whole work had been executed by him (of the amount of which excess the certificate in writing of the Engineer-in-charge shall be final and conclusive) be deducted from any money due to him by the Institute under this contract.

In the event of above course being adopted by the institute the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of contract. And in case action is taken as aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work there to or actually performed under this contract unless and until the Engineer-in-charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value as certified.
4. If the contractor shall beside extension of time of completion of the work on the ground of his having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Director, Bose institute within thirty days of the date of hindrance on account of which he desires such extension, the director shall if in his opinion (which shall be final) grounds are reasonable authorize such extension of time if any as may in his opinion be necessary and proper, without however involving any escalation of cost or compensation thereof.

5. Within one week of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within 10 days of the receipt of such notice the Engineer –in-Charge shall inspect the work and if there is no defect in the work shall furnish the contractor with a certificate of completion, otherwise a provisional certificate and/or (b) for which payment will be made at reduced rates, shall be issued but no certificate of completion, provisional or otherwise shall be issued, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed, where all scaffoldings, surplus materials, rubbish and all huts and sanitary arrangements required for his work people on the site in connection with the execution of the works as shall have erected for constructed by the contractor and cleaned off the dirt from all wood work, doors, windows, walls, floors or other parts of any building, in upon or about which the work is to be executed or of which he may have had possession for the execution thereof and not until the measurements of the work certified by the Engineer-in-Charge. If the contractor shall fail to comply with requirements of this clause on or before the date fixed for the completion of the contractor remove such scaffolding surplus materials rubbish etc. and dispose of the same as he thinks fit and the contractor shall have no claim in respect of any such scaffoldings or surplus, materials as aforesaid except for any sum actually realized by the sale thereof.
6. A bill shall be submitted by the contractor each month, duly supported by detailed measurements, which will be certified by the Engineer-in-charge and the bill adjusted as far as possible before the expiry of fifteen days from the presentation of the bill.
7. All intermediate payment shall be regarded as payments by way of advance against the final payment only and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed, or re-erected or be considered as an admission of the due performance of the contract, or any part thereof in any respect or the accruing of any claim not shall it conclude, determine, of affect in any way the powers of the Institute under these conditions or any of them as to the final settlement and adjustment of the accounts or in any other way very or affect the contract.
8. The final bill shall be submitted by the contractor with in one month of the date of completion of the work or of the date of certificate of completion furnished by the Engineer-in-Charge and payment shall be made within 6 (Six) weeks of the date of certificate of completion furnished by the Engineer-in-Charge.
9. The contractor shall provide all materials and labour of every description except the materials shown in the attached schedule which will be supplied by the Institute at the rates mentioned therein and all tools, plants and transport necessary for the proper carrying on execution and completion of the work to the satisfaction of the Institution.
10. For materials supplied by the Institute to the contractor, the cost thereof will be progressively deducted from the contractor's bill in accordance with the quantities consumed in the work and item or items relating to these being included in the bill.
11. All materials supplied to the contractor by the Institute shall remain the absolute property of the Institute, and shall not be removed on any account from, the site of the work land shall be at all times open to inspection by the Engineer –in-Charge.
12. The Contractor shall treat all materials obtained during dismantling a structure, excavation of the site for a work etc. as Institute's property and such materials shall be disposed of to the best advantage of the institute according to instruction issued in writing by the Registrar.
13. The Contractor shall give at least seven days notice in writing to the Engineer-in-Charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimensions thereof recorded before the same is covered up or placed beyond the reach of measurement, and shall not cover up and place beyond the reach of measurement any work without the written consent of the Engineer-in-Charge. If any such work shall be covered up or placed beyond the reach of measurement without such notice and the Engineer-in charge's consent the same shall be uncovered at the contractor's expenses, or in default thereof no payment or allowances shall be made for such work or the materials with which the same laws executed.

14. The Engineer-in-Charge shall have power to make any alterations in omissions from additions to or substitution for the original specification, drawings, designs and instructions that may appear to him to be necessary during the progress of the work and the contractor shall carry out the work in accordance with any such instruction given to him, in writing by the Engineer -in-Charge. Such alterations, omissions, additions or substitutions will not invalidate the contract and shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work. The rates for such additional, altered or substituted work under this claim shall be priced at the contract rates and for any such work which does not exactly agree with the description in the tender the contractor within seven days of receipt of the order to carry out such work inform the Engineer-in-Charge of the rate which it is his intention to charge, supported by analysis of the rate claimed and the Engineer-in-Charge, shall determine the rate on the basis of prevailing work market rates and pay the contractor accordingly.
15. The tender rates for the work shall be taken to be firm. The contractor shall not be entitled to any price variation or escalation of materials and labour on any account whatsoever.
16. The contractor shall not sublet or assign any portion of the work to others without written consent of the Institute.
17. The contractor shall, on the request of the Engineer-in-Charge immediately remove from the works any person employed there on by him, who may, in the opinion of the Engineer-in-Charge, be incompetent or misconducts himself.
18. The contractor shall, during the course of execution, be responsible for all damage to property and for any injury or loss caused to the work or workmen, to persons, animals, or things and also for any damage caused by fire, burglary, theft, earthquake, civil connection and other extraneous causes, He shall effect any insurance necessary and indemnify the Institute against any damage to any building, road, road curb, fence, enclosure, water pipe, cable drains, electric or telephone post or lines, trees, grassland or cultivated ground, contiguous to the premises on which the work on any part of it is being executed.
19. The security deposit, mentioned in clause 1 of this contract, shall be refunded after the expiry of 6 (Six) months after the issue of the certificate, final or otherwise, of completion of work.
20. The contractor will remain responsible for any defect arising out of defective or improper materials or workmanship in the work for a period of six months from the date of issue final certificate by the Engineer-in-Charge to contractor shall make the same good at his own expense or in default the Engineer-in-Charge may cause the same to be made good by other workman and deduct the expense from any sum that may be there or at any time thereafter may become due to the contractor or from security deposit.
21. The contractor will have to confirm to the provisions of all local bye-laws acts relating to work and to the regulations and bye-laws etc. of the Govt. and local authorities and of any company with whose system the installations are proposed to be connected.
22. The contractor shall set out the work to the satisfaction of the Engineer-in-Charge and amount at his own cost to the satisfaction of the Engineer-in-Charge any errors which may arise through inaccurate setting out and in proper execution of the work.
23. The contractor shall keep a competent, responsible and approved foreman on the works, who shall be available at all times at the site of work and who will be responsible for carrying out the true meaning of the drawings and specifications schedule of quantities and any direction and instruction given to in writing by the Engineer-in-Charge.
24. The contractor shall make his own arrangements for storage for tools, materials etc. including accommodation for their labours. The Institute, if possible, will provide space for storage of tools and materials free of charge. The Institute, however, does not guarantee providing such space and if it is not possible to provide such space, the contractor will have to make his own arrange at his own cost. No space will be provide in the Institute area for accommodation of labour and the contractor will have to make his own arrangement at his own cost.

25. Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings, and instructions herein before mentioned and as to the quality of workmanship or materials used on the works or as to any other question, claim, right matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the sole arbitration of the person appointed by the Director, Bose Institute. The arbitrator to whom the matter is originally referred being unable to act for any reason, the said director shall appoint another person to act as arbitrator in accordance with the terms of the contract. Such person shall be entitled to proceed with reference from the stage at which it was left by his predecessor.
26. The contractor will remain responsible for the safety and security of his own materials procured/ stacked at site for execution of works. Institute will not be responsible for any loss or theft. No complaint will be entertained in this respect.
27. Bidders interested to participate are requested to quote as per BOQ separately for each schedule of work. Bose Institute reserves the right to split the tender and award it to work-wise (Package-wise) lowest bidder or overall lowest responsive bidder.

**Schedule for damages cause due to Amphan at Main Campus, Bose Institute**

SL. No	Description	Qty	Unit	Rate	Amount
1.	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge.	01	Sqm		
2.	Removal of tar-felt	333	Sqm		
3.	Providing and laying four courses water proofing treatment with bitumen felt over roofs consisting of first and third courses of blown bitumen 85/25 or 90/15 conforming to IS : 702 applied hot @ 1.45 Kg per square metre of area for each course, second course of roofing felt type 3 grade-I (hessian based self finished bitumen felt) and fourth and final course of stone grit 6 mm and down size or pea sized gravel spread at 6 cubic decimeter per square metre, including preparation of surface but excluding grading complete with : Bitumen felt (hessian base) type 3 grade I conforming to IS : 1322	887	Sqm		
4.	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	01	Cum		



SL. No	Description	Qty	Unit	Rate	Amount
5.	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge. 25 mm thick	15	Sqm		
6.	20 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	35	Sqm		
7.	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	500	Kg		
8.	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	153	Sqm		

SL. No	Description	Qty	Unit	Rate	Amount
9.	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement: 1½ coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	8.70	Cum		
10	Cement concrete flooring 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	120	Sqm		
11.	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.	102	Kg		
12.	Supply, fitting and fixing of carpet at the lecture hall	1500	Sft		
13.	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete. 0.63 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>	30	M		
				Total Rs.	

**Schedule for damages cause due to Amphan at Shyamnagar Experimental Farm, Bose Institute**

SL. No	Description	Qty	Unit	Rate	Amount
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 on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	05	Cum		
2.	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	05	Cum		
3.	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. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	03	Cum		
4.	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	03	Cum		
5.	20 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	30	Sqm		

SL. No	Description	Qty	Unit	Rate	Amount
6.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	35	Sqm		
7.	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	140	Kg		
8.	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering In ground floor and foundation. 1:3:6 proportion	01	Cum		
9.	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	05	Sqm		
				Total Rs.	

**Schedule for damages cause due to Amphan at Madhyamgram Experimental Farm , Bose Institute**

SL. No	Description	Qty	Unit	Rate	Amount
1.	Supplying, fitting & fixing Zn-Al alloy (55% Al & 45% Zn) coating of 150 grams per sq. metre (followed by colour coated on both side) steel sheet work having minimum yield strength of 550 Mpa of trapizoidal profile of approved make (excluding the supporting frame work) fitted and fixed with 55 mm & 25 mm self tapping screw, EPDM Washer 16 mm dia & 3 mm th. washer etc. complete with 150 mm end lap and one corrugation minimum side lap. (Payment to be made on area of finished work). In Roof:- With 0.5 mm thick sheet	220	Sqm		
2.	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	7500	Kg		
3.	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	02	Cum		
4.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	30	Sqm		

SL. No	Description	Qty	Unit	Rate	Amount
5.	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:3:6 (1 cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	02	Cum		
6.	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement: 1½ coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	02	Cum		
7.	Design supply & installation of suspended Spider Glazing system designed to withstand the wind pressure as per IS 875 (Part-III). The Suspended System held with Spider Fittings of SS-316 Grade Steel of approved manufacturer with glass panel having 12 mm thick clear toughened glass held together with SS- 316 Grade Stainless steel Spider & bolt assembly with laminated glass fins 21 mm thick. The Glass fins and glass panel assembly shall be connected to Slab/ beams by means of SS- 316 Grade stainless steel brackets & Anchor bolts and at the bottom using SS channel of 50x25x2mm using fastener & anchor bolts, non staining weather sealants of approved make, Teflon/ nylon bushes and separators to prevent bi-metallic contacts, all complete to	02	Sqm		

	<p>perform as per specification and approved drawings. The complete system to be designed to accommodate thermal expansion &amp; seismic movements etc. The joints between glass panels (6 to 8 mm) and gaps at the perimeter &amp; in U channel of the assembly to be filled with non staining weather sealant, so as to make the entire system fully water proof &amp; dust proof.</p> <p>The rate shall include all design, Engineering and shop drawing including approval from structural designer, labour, T&amp;P, scaffolding, other incidental charges including wastage, enabling temporary services all fitting fixers nut bolts, washer, Buffer plates, fastener, anchors, SS channel laminated glass etc. all complete. For the purpose of payment, actual elevation area of Glazing including thickness of joints and the portion of Glass panel inside the SS channel shall be measured</p>				
8.	<p>Providing <b>reinforced by organic fibres and/or inorganic synthetic fibres</b> cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required.</p>	90	Sqm		

SL. No	Description	Qty	Unit	Rate	Amount
9.	Taking out carefully G.C.I. or C.I. or asbestos sheets (including ridges etc.) from roof or wall after unscrewing bolts, nuts, screws etc. and stacking the material at site as directed. Payment to be made on measurement of portion of roof or wall removed.)	90	Sqm		
10.	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	2.5	Sqm		
				<b>Total Rs.</b>	



**Schedule for damages cause due to Amphan at Unified Academic Campus , Bose Institute**

SL. No	Description	Qty	Unit	Rate	Amount
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 on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	05	Cum		
2.	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	02	Cum		
3.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	30	Sqm		
4.	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	45	Sqm		
5.	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1700	Kg		

SL. No	Description	Qty	Unit	Rate	Amount
6.	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:3:6 (1 cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	4.5	Cum		
7.	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement: 1½ coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	01	Cum		
8.	Supplying, fitting & fixing Zn-Al alloy (55% Al & 45% Zn) coating of 150 grams per sq. metre (followed by colour coated on both side) steel sheet work having minimum yield strength of 550 Mpa of trapizoidal profile of approved make (excluding the supporting frame work) fitted and fixed with 55 mm & 25 mm self tapping screw, EPDM Washer 16 mm dia & 3 mm th. washer etc. complete with 150 mm end lap and one corrugation minimum side lap. (Payment to be made on area of finished work). In Roof:-With 0.5 mm thick sheet	45	Sqm		

SL. No	Description	Qty	Unit	Rate	Amount
9.	<p>Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.</p>	300	Sqm		
				Total Rs.	

**BOSE INSTITUTE  
P-1/12 C.I.T Scheme-VIIM  
Kolkata - 700054.**

**NOTICE INVITING TENDER**

**Tender No.:- B.I./T/OVR/08/2020**

**Date: 18.06.2020**

**Name of Work: Immediate rectification at different campuses of Bose Institute which is damaged due to super cyclone "Amphan" stormed on 20.05.2020 in West Bengal.**

Dear Sirs,

The undersigned invites you to tender your rates for works detailed in the enclosed schedule, subject to the following terms and conditions as integral parts of the contract for the tender.

1. Quotations in duplicate under a sealed cover superscripted with the words "Tender No. **B.I./T/OVR/08/2020** dated **18.06.2020** due on **08.07.2020** should be send to the office of the Registrar, at the above address, so as to reach **on or before 2.00 P.M on 08.07.2020 to be opened** at 2.30 P.M. on the same day.
- 1.a). The tenderers are requested to submit the photocopies of following documents duly signed by the proprietors / authorizes signatories along with the tender paper positively.
  - i) **Pan card of the owner**
  - ii) **Last Income Tax clearance certificate**
  - iii) **Valid GST Registration certificate**
  - iv) **Proper authentication of proprietorship / Partnership/ Authorized representative of the Firm.**

***Failing which the tenders may be treated as cancelled without showing any reason.***
2. Tenders received beyond the schedule date and time will not be entertained in any case.
3. The tender/offer should be clear and precise quoting the net price(s) per unit both in words as well as figures, with break-up of different elements, if asked for. The price(s) quoted should be inclusive of Sales Tax, Income Tax, and other charges, GST will be paid separate as applicable etc.
4. In case the quotation is accepted and order placed, the contractor shall remain liable to complete the work within the stipulated date.
5. Time of completion **21 (Twenty one) days from 3rd** day of receiving the Work Order.
6. Time, being the essence of contract, the contractor shall pay or allow the employer the sum equivalent to 1% of the total cost of work awarded per week, subject to a limit of 10% of the order value or the final bill amount whichever is greater, as liquidated damages for the period during which the said works shall remain incomplete beyond the time f completion mentioned above or beyond the time duly extended in writing. The employer may deduct such damages from any money due to the contractor.
7. Item prices once quoted will be firm and fixed. No price escalation will be entertained even for the works executed within the extended period, if any.
8. In case the order is cancelled due to non-compliance of the contractual terms and conditions, the Institute reserves the right to execute the job at its own cost and the differential amount, if any, on account of the alternative arrangement will be intimated to and recovered from him.
9. Guarantee period: The contractor shall give guarantee for a period of six months from the date of final handover and shall remain liable for rectification of defects, if any arises, within the said period at free of cost
10. All materials procured by the contractor will be subjected to inspection and/or tests prescribed in the specifications.
11. R/A or final bills: 90% payment will be made against your bill on actual measurement basis for the tender value worth of Rs. 20,000/- 100% payment will be released.
12. Incomplete tenders will be liable to cancellation.

13. The tender/offer shall remain valid for acceptance till 03 months from the scheduled date of its opening.
14. The contractor shall remain liable for any incidental charges occurred from natural calamities, accidents etc.
15. **Supplementary/Non-Schedule Items:** Rates for supplementary/Non-schedule items will be ascertained on the basis of current C.P.W.D. Schedule of Rates, WBPWD (Current), plus/minus percentage above/below as reflected in contractor's quoted rates or the actual cost of materials and labour plus 15% towards overhead and profit, whichever is less.
16. **Water and Electricity:**Water and electricity as may be required for the work may be provided free of cost, subject to availability, at our source and contractor will make his own arrangement for distribution. However, no claim will be entertained for non-supply of water and electricity by the Institute.
17. **Storage Space:** A space for storage of materials may be provided by the Institute but the responsibility for security of the materials and machineries rests with the contractor.
18. **Removal of Rubbish/Debris:** The rubbish/debris etc. out of dismantling worn-out plaster, walls etc., shall be removed by the contractor from the work site from time to time, as per direction of the Engineer-in-charge.
19. **Indemnifying against damages:** Contractor shall, during the course of execution, be responsible for all damages to property and for any injury or loss caused to the work or workmen, to persons or things. The contractor shall make good all such damages besides damages out of dismantling plasters/walls/concrete surfaces during the course of execution at their own cost/risk.
20. **Work during holidays etc.:** Prior approval from the competent authority has to be obtained for persons to be engaged during holidays and/or beyond office hours, in listed form, mentioning, their names and addresses.
21. The quantities may vary up to 10% and beyond the limit of 10% approval of Competent Authority is required to be obtained prior to execution.
22. The contractor shall abide by the Rules and regulations of labour wages act.
23. Bose Institute reserves the right to reject any or all tenders without assigning any reasons thereof. Bidders interested to participate are requested to quote as per BOQ separately for each schedule of work. Bose Institute reserves the right to split the tender and award it to work-wise (Package-wise) lowest bidder or overall Lowest responsive bidder.

In case of any discrepancy, the order of precedence in interpretation shall as follows:

- (i) Schedule of Quantities and Rates.
- (ii) Special conditions of contract.
- (iii) Institute's General Conditions of contract.
- (iv) I.S. Code.
- (v) Best Engineering Practices.

Yours faithfully,

**Registrar (Officiating)**

**Enclosure:** Schedule & Quantities