

BHAKRA BEAS MANAGEMENT BOARD (I.W) NANGAL TOWNSHIP.

NOTICE INVITING TENDER

NIT No 129/BDD/2018. The Addl. Superintending Engineer, Bhakra Dam Division, Nangal Township Distt. Ropar-140124(Punjab), invites e- tender from the Central/State eligible contractors/ L&C Co.-Op Societies for the following work on through rate on work order basis. Tender to be opened on _____

Sr. No.	Name of work	Approximate Cost of the work	Earnest money	Approximate period
1.	Construction of APRO room cum VIP visitors waiting room along with 2 Nos. wash room near BBMB canteen RL-1700 at Bhakra Dam	Rs. 5.57 Lakh	Rs.11140.00	6 months

TERMS & CONDITIONS:-

1. The reputed, financially sound and eligible contractors, duly registered with the State/Central PWD, Railway, MES and other such Public Sectors Enterprises, who have the experience and capacity of handling the work of such magnitude need only to give tender duly supported with the works handled by them to fulfil pre-condition of issue of tender documents.
2. The labour and Co-operative (L&C) Societies must also produce a certificate duly numbered and signed by the registrar Co-operative Society to show that:
 - i) The society is in existence and holds good reputation and there is no complaint against it.
 - ii) The society has financial capacity for execution of the work.
 - iii) The society should produce list of works executed by them in BBMB, State/Central PWD, Railway, MES and other such Public Sectors Enterprises/Autonomous bodies and a certificate from the concerned office regarding the satisfactory performance from Engineer-in-Charge concerned and fulfil the pre-condition of issue of tender documents.
3. The tender documents can be had/downloaded up to 12.00 hrs. on _____ date from the office of /website at the cost of Rs. 200/- (non-refundable) (in the shape of Demand Draft) against written request along with the following documents:-
 - i) Latest Income Tax Return/Pan copy.
 - ii) Partnership deed or Registration certification of the firm or Company as the case may be.
 - iii) Copy of valid enlistment of contractor in the respective class/amount from State /Central PWD, Railway, MES and other such Public Sectors Enterprises/Autonomous bodies etc. for civil works.
 - iv) Power of Attorney as required under rule for joint venture.
 - v) List of works executed with cost.
 - vi) The Contractor/L&C society should not have been black listed by any State Govt. Department/Central Government Department, MES, Railways, PSEs etc.
 - vii) Service Tax/GST registration, if applicable.
 - viii) Allotted EPF code number from employee provident fund commissioner, and latest copy of chalan of deposit of EPF of the employees, if applicable.
4. The earnest money amounting to Rs. **11140/-** only in the shape of Bank draft drawn on any scheduled Bank payable at Nangal Township in favour of Sr. Accounts Officer, BBMB, Nangal Township must be attached/deposited with tender. The tender without earnest money will not be considered. The earnest money in any other form will not be accepted.
5. The earnest money shall be returned to the unsuccessful bidder after approval of the tender.
6. Co-operative Societies shall be considered at par with other contractors for the purpose of depositing earnest money etc.
7. Conditional tenders or tenders received late or tenders submitted by e-mail/through fax or incomplete tenders will be rejected out rightly without assigning any reason.
8. Detailed NIT/Design/Quantities/Specifications/any other information can be seen in the office of Addl. Superintending Engineer, Bhakra Dam Division, BBMB, Nangal Township on any working day during working hours.
9. Acceptance of tender is subject to the approval of the competent authority and BBMB also reserves the right to reject any or all of the tenders received without the assignment of any reason.
10. The tender/quotation/rates quoted for the work shall remain valid for a period of 120 days from the date of opening of the tenders.
11. The earnest money furnished buy the successful bidder, on whom the order is placed, shall be converted into security deposit as a guarantee for faithful and satisfactory execution of the contract. Security deposits not claimed within three year from the date of the completion of contract shall be treated as “Lapsed Deposit” and no claim for a refund thereof shall be entertained from the contractor except under very special circumstances and for good and valid reasons.

12. The earnest money/security deposit taken from the firms/tenderer shall be forfeited under the following circumstance.
 - a. If the tenderer withdraws his tender at any stage during the currency of his validity period, his earnest money shall stand forfeited in full.
 - b. If the acceptance of tender has been issued but the contractor refuses to comply with it, the earnest money deposited by him shall be forfeited in full, irrespective of the fact whether the BBMB sustains any loss on account of his default or not. This forfeiture shall be without prejudice to the right of the BBMB to claim any other damage as admissible under the law as well as to take such executive action against the contractor as blacklisting etc.
 - c. Where the tender has been accepted but the contractor stops the work after partially fulfilling the work order, the security deposit shall be retained and adjusted against any loss that may be caused to BBMB through work being got completed from alternative source at the contractors risk & cost and or any other damage recoverable from the contractor under the terms of work order.
 - d. In the event of a breach of work order in any manner, the security deposit shall be forfeited and adjusted against the claim of the BBMB on the contractor for any damage or for any loss sustained by the BBMB on account of such breach.
 - e. In the event of non-compliance of removal of defects within defect liability period.
13. The work shall be completed within 6 month(S). However under any unavoidable circumstances necessary permission to extend the period shall have to be specifically obtained by the executing agency from the competent authority i.e. tender approving authority of BBMB.
14. The rates quoted by the contractor should be for finished work inclusive of lead, lift and octroi charges, Sales tax and other local taxes, entry tax and GST etc. Nothing extra shall be paid on this account.
15. No claim on account of fluctuation in prices due to war or any other cause or act of god or disturbances/Bunds/Strikes will be considered. Similarly the department will not be responsible for any loss/damages to the material or structure due to the above reasons. No compensation will be paid for the same.
16. Specific items rates due should quoted against each Schedule/non-schedule items contained in the list attached with tender form. Rates should be quoted strictly in metric units. Any other unforeseen/Non-Schedule item should not be executed at site until the analysis of rates for such item is approved by the competent authority. Any other item not appearing in the detailed NIT but covered under the Punjab CSR-2010 will be paid as per rates given in Punjab CSR+Sanctioned Zonal Premium as applicable on the date of opening of tender \pm tendered premium/abatement quoted by the agency.
17. The percentage tendered premium/abatement shall be added to/sub-tracted from zonal ceiling premium only, irrespective of the manner the contractor quote his rates, whether with or without the work "Z.P." The percentage so arrived at shall be applicable to the basic rates printed in the Punjab CSR.
18. Before tendering, the contractor is advised in his own interest to visit the site and acquaint himself with the site condition. Later on, no claim will be entertained on any account whatsoever.
19. The competent Authority reserves the right to split/allot part work to any willing contractor/Society at the general approved rates taking into account the capacity/capability of the contractor/Society. Even after allotment of work, if it is found that capacity of the contractor is not adequate and the agency fails to gear up the progress after repeated instructions of the department, the competent authority reserves the right to cancel the work as a whole or to take away any item of work or any part thereof at any stage during the execution of work, currency of the work order and re-allot it to another agency with due notice to the contractor without liability of any compensation.
20. The quantities as given in the estimate/tender form are approximate and only for the guidance of contractors and not for any claim etc. The quantity of work can be increased/decreased or any item of work can be withdrawn/added to and no claim on this account shall be entertained.
21. The Engineer-in-charge has the right to change the design and specification during the execution of the work and rate will be that work under execution.
22. 100% payment shall be made within 30 days after completion/acceptance of the work and actual measurement. However, running payments maximum once in a month, if desired by the contractor on submission of bill can be allowed. All running payments shall be treated as advance payments and any excess payment made to the contractor inadvertently or otherwise for this work or any other work shall be deducted from any payment what-so-ever payable by the department to the contractor.
23. 10% security shall be deducted from the running bills for work done by the contractor/Societies, the same shall be refunded after six months of the payment of final bill or on completion of defect liability period whichever is later.
24. The income tax, or any other tax i.e. work contract tax and labour welfare cess/GST etc. as leviable will be deducted from the bill as per rules.
25. The work should not be assigned to other party or Sublette without the written approval of the Department. In case, it is done, the work order will be terminated on its merits and the contractor will not have any claim of any sort regarding arrangement of man power/material machinery etc.

26. None can bid on behalf of the other person unless he holds the power of attorney or has letter of authority to that effect. In case the tenderer is other than individual i.e. firm, company etc. the tenders will be supported with the document having authority for the purpose.
27. Any person or agency found engaged in cartelization will be debarred from participating in the process of tendering.
28. The contractor shall be responsible to provide at his own cost the following amenities for the labour employed by him:-
 - i) Suitable temporary huts accommodation as in the opinion of the officer in charge of the work may be necessary.
 - ii) Trench latrines, bathing enclosures and platforms separately for men and women and their regular cleanliness to the satisfaction of the officer –in-charge.
 - iii) Clean drinking water.
 - iv) Safety equipment and first aid.
 - v) The contractor will be held responsible, if any accidents of his labour occurs at site of work.

Note:- No labour will be allowed to reside at the site of the work without the approval of Engineer-in-Charge.

29. Fair wages clause as well as Punjab Public works labour regulations shall be binding on the contractor and he will strictly follow the terms and conditions laid therein.
30. It will be the responsibility of contractor to ensure that BBMB property including trees, structures etc. at site or in the labour camp and in the vicinity thereof are not damaged by negligence of his labour or agent. Cost of such damages, if any will be assessed by the Engineer-in-Charge and deducted from the bills of the contractor.
31. The contractor shall make his own arrangement for the watch and ward of his plant and machinery etc. at site of work.
32. All residuary matters, not specifically covered by the provisions of work order, shall be regulated in accordance with the rules of Punjab PWD Code/BBMB Purchase Procedure.
33. In case of labour rate tender, material will be supplied free of cost on the above conditions at work-site.
- 33-A Excess/short consumption of the material will be dealt with as per chapter 27 of the Pb. PWD. Specification read with the chapter 27 of the Pb. CSR-2010, both amended up to date. The penal rate quoted in the above chapters will be double the issue rate of the material indicated under clause 5 %.
34. A list of Govt. issued material (if any) remaining surplus with the contractor shall be supplied by him to the Engineer-in-Charge of the work within ten days of the completion of the work. The Engineer-in-Charge shall give a notice in writing and advice to the contractor for the materials accepted for return and shall fix reasonable time limit for its carriage by the contractor to the department stores. If the contractor fails to do so within the specified time it shall be got done by the Engineer-in-Charge at the risk and cost of the contractor. In case he fails to furnish the afore-mentioned list, it would be presumed that he has no such surplus material left at site.
35. The contractor shall be responsible for the removal of all such debris as has been created by the work allotted to him from the site of work to specified place at contractor cost. No extra payment for removal, loading, un-loading and disposal of debris within the above limits will be made. In case the agency fail to remove and dispose of the debris, it will be got removed by the department at the contractors cost and no claim regarding the department having spent excessive amount on the removal of the debris shall be entertained.
36. Earth required by the contractor shall be brought only from the borrow areas duly approved by Engineer-in-Charge.
37. Surplus earth as a result of excavation of foundations shall be disposed of as per approval of the Engineer-in-Charge. No earth as excavated shall be sold by the contractor to private parties nor removed otherwise.
38. All cement concrete, whether plain or reinforced shall be poured with Mechanical vibrator after mixing in a mechanical Mixer unless otherwise specified or directed by the Engineer-in-charge. It shall be the sole responsibility of the contractor himself to arrange for the concrete mixer and vibrator at his own cost.
39. The work will be executed as per PWD. Specification/Punjab Common Schedule of Rates 2010 of any other amendment up to date and as per Contract Agreement Specification to the entire satisfaction of Engineer-in-charge. Common Schedule of Rates (CSR) shall be Punjab Common Schedule of rates with up to date amendments including sanctioned zonal premium (including issue rate of material) declared up to the date of opening of tenders. Even though all the works and materials necessary to satisfactory completion of the works may not be detailed in specifications and schedules, their costs will be considered to be within the contract and no claim for extra charges will be accepted, provided that there is no substantial revision in the specifications of the work in which the consequential changes in price shall be on the already approved rates after approval by the competent/sanctioning authority.
40. The quality of material to use for the works by the contractor shall be got approved from the department prior to starting of the works.

41. The quality of work shall be the prime essence of the contract and no compromise whatsoever in this regard will be acceptable.
42. The Engineer-in-charge will bring into the notice of contractor if any defect is found during execution. Such action of the Engineer-in-charge shall not affect the contractor's responsibility. The Engineer-in-charge can instruct the contractor to uncover & test any work that Engineer-in-charge considers that it may be defective. Whereas such notice of defect is given, the contractor shall correct the same within stipulated time failing which defect shall be got removed at contractor's risk & cost will be recovered from contractor's bill/security.
43. If the Engineer-in-charge instructs the contractor to carry out a test specified in the specifications to check whether any work has a defect, the contractor shall pay for the test/and any sample cost etc.
44. If the Engineer-in-charge instructs the contractor to carry out a test not specified in the specifications to check whether any work has a defect and the test shows that it has, the contractor shall pay for the test/and any sample cost etc.
45. The Engineer-in-charge shall give notice to the contractor about of any defect before and prior to the end of the defects liability period, which begins at completion and is defined in the contract data. The defects liability period shall be extended further so long as defects remain to be rectified/set right.
46. Whenever a notice of a defect is given, the contractor shall correct the notified defect within the prescribed time limit specified by the Engineer-in-charge in notice.
47. Uncorrected Defects: In the event of the contractor failing to remedy the defects, or remove the inferior quality material that he contracted for, within a period specified by the Engineer-in-charge, as per notice given in this regard, then the contractor shall be liable to pay compensation which shall be determined by the Engineer-in-charge, depending on the nature or defect, provided that it shall not exceed the amount which will be required to set it right, by the Engineer-in-charge by making own arrangement at departmental level or through an outside agency.
48. In case of any delay or short supply of the material to be supplied by departmentally, no claim for any compensation shall be entertained due to interruption in the work or the labour thus rendered idle. However, contractor shall arrange such quantity/quality of material/cement as ordered by the Engineer-in-charge at his own cost at the lowest market rate and no recovery of cost/quantity of such material will be made from contractor bill. The difference of cost of material if any than the stock issue rates as provided in departmental rates shall be paid to the contractor.
49. As per decision of the Hon'ble Supreme Court, no over lading is to be done by the contractor. If it is found that over lading of material is carried by the contractor, then the carriage rates shall be reduced by 50 % and the recovery will be made from the bill of the contractor. Full rate shall only be allowed if it is certified by the field staff that the actual carriage of material is within the norms and no over lading has been done.
50. If the work is to be carried out in the restricted area, the work permits for contractor's labour & material will have to be obtained by the contractor from the BBMB.
51. In the event of the failure of the contractor to complete the work within stipulated period, he shall be liable to pay as compensation an amount equal to ½ % per week, or part thereof subject to maximum 10 % ordered value/contract value for the period of delay in completion.
52. Arrangement of water and Electric Power required by the contractor for the work shall be made by him at his own cost. Water charges shall be deducted from bill of contractor if department water is used by the contractor @ half present of the gross value of work done. In case electric supply is made by the department on the request of the contractor, the recovery of the electricity charges shall be made as per prevailing commercial rates.
53. In case of any dispute between contractor and department during execution of work the matter shall be referred to concerned competent authority to approve the tendered rates / work order whose decision shall be final and binding on the contractor and the department.
54. In case of any dispute between the parties, local court at Shri Anandpur Shaib shall have the jurisdiction to settle/decide and adjudicate upon such matter.
55. Any material left at the site of work after a month from the completion of work shall become the property of the BBMB and no part payment shall be made to the contractor for such material.
56. Defects Liability period will be 3 months calculated from the completion date of the work/protect.
57. Contractor and their agents are to exercise proper and vigilant control to ensure that cement concrete and mortar are proper and prescribed mixes, as indicated by the Engineer-in-charge, are being used. The samples of cement mixes for cement concrete and cement mortar can be filled by Sub Divisional Officer/Executive Engineer to ensure that the mortar of desired specification is being used.
58. Cost of material wasted in dismantling any portion of the work due to bad workmanship/neglect ion of the specification will be recoverable from the contractor at double the issue rate.
59. All the tests of material shall be made by the Engineer-in-charge in accordance with the approved method. The contractor shall afford such facilities as the Engineer-in-charge may require for collecting and forwarding the sample and the contractor shall furnish the required samples without charges.

60. In case of any delay or short supply of the above material, no claim for any compensation shall be entertained due to interruption in the work or the labour thus rendered idle.
61. The condition No. 5 regarding arbitration contained in the standard work order form stands deleted and the condition No. 3 stands substituted with the following.
“The order for execution of work can be cancelled and the work stopped at any time by the officer-in-charge of the work or any other officer, superior to him in authority. The contractor will have no claim for any compensation or damages on this account.”
62. Cement required for the work shall be arranged by the contractor at his own cost.
63. Steel required for the work shall be arranged by the contractor at his own cost.

OFFICE OF THE ADDL.SUPERINTENDING ENGINEER BHAKRA DAM
DIVISION, NANGAL TOWNSHIP.
TENDER FORM

NIT No 129/BDD/2018

Tender Form No. _____

Date of opening tender _____.

Cost of tender form Rs.1000/-

Time:-3.30 P.M.

Earnest Money: Rs 11140/-

Name of the Contractor _____

Address:- _____

Name of Work:- “Construction of APRO room cum VIP visitors waiting room
along with 2 Nos. wash room near BBMB canteen RL-1700 at
Bhakra Dam”

Sr. Nos.	Description of items	Unit	Qty.	Rate offered by the contractor (In Words & Figures)
Civil Works				
1	Earth work in excavation of foundations of bridges culverts, building including handling of materials with combined lead of 15 meters dressing of bed and sides stacking the excavated soil clear from the edge of excavation and subsequent filling around:- For semi conglomerate or soil of nature of pick jumper. [As per CSR-2010 item No. 6.6 (b)]	cum	16.54	
2	Cement concrete 1:5:10 with 40 mm gauge stone ballast using concrete volumetric type [As per CSR-2010 item No. 10.8 (b) ii]	cum	5.51	
3	First class burnt brick work laid in cement sand mortar 1:6 in foundation and plinth. [As per CSR-2010 item No. 11.3]	cum	6.96	
4	Damp proof course 4 cm thick of cement concrete 1: 2: 4 with two coats of bitumen 20/30 penetration @ 1.65 kg per sqm laid hot and sanded. [As per CSR-2010 item No. 10.28]	cum	5.37	
5	First class burnt brick work laid in cement sand mortar 1:6 in first storey up to 4 meters above plinth level. As per CSR-2010 item No. 11.4]	cum	19.20	
6	115 mm thick brick wall laid in cement sand mortar 1:4 without reinforcement in super structure. [As per CSR-2010 item No. 11.36]	sqm	5.11	

7	Reinforced cement concrete M-20 mechanically batch mixed using batch type concrete mixer as per IS:1791 and vibrated by needle vibrated but excluding steel reinforcement centering and shuttering in superstructure [As per CSR-2010 item No. 10.21]	cum	4.78	
8	Centering and shuttering for sides and soffits of beam, beams launchings girders bressumers, lintels [As per CSR-2010 item No. 9.6]	sqm	5.39	
9	Centering and shuttering for flat surfaces such as suspended floors, roofs, landings, chajjas, shelves etc [As per CSR-2010 item No. 9.8]	sqm	33.00	
10	Cold twisted deformed (ribbed/ tor steel) Bars Fe 415 grade as per IS 1786-1985 for R.C.C. works, where not included in the complete rate of R.C.C. including bending, binding, and placing in position. [As per CSR-2010 item No. 18.18]	Qtl.	3.90	
11	Terracing consisting of tiles 22.86 x 11.43 x 3.83cm laid over 25 mm mud plaster 7.5 cm mud filling on another laver of 25mm mud plaster including two coats of bitumen laid hot at 1.65 Kg/sqm top of RCC slab including grouting with cement sand mortar 1:4 and top surface to be left clean after wire brushing etc. [As per CSR-2010 item No. 13.13]	sqm	31.04	
12	Cement concrete 1:2:4 gola 10cm x 10cm concave quadrant along junction of roofs with parapet wall finished smooth, where specially specified. [As per CSR-2010 item No. 13.55]	m	24.24	
13	Top khurra 0.6m x 0.6m for rain water pipe in 25 mm thick cement concrete 1:2:4 over 50 mm thick cement concrete 1:8:16. [As per CSR-2010 item No. 13.45]	Nos.	02	
14	Providing and fixing 110 mm dia SWR U.P.V.C Rain water pipe (ring fitted type-A) as per IS:13592 including jointing during masonry complete as per specifications and to the entire satisfaction of Engineer-in-charge. (If fixed on wall face clamp to be paid separately as per respective item) [As per CSR-2010 item No. 13.74]	m	6.94	

15	Providing and fixing 110 mm dia SWR U.P.V.C bend for Rain water pipe as per IS:14735 including jointing complete as per specifications and to the entire satisfaction of Engineer- in-charge. [As per CSR-2010 item No. 13.75]	Nos.	04	
16	Providing & Fixing in position M.S or heavy flat iron clamps made out of M.S flat iron not less than 5 mm of the approved design for fixing C.I. soil waste, vent or antisiphonage pipes to walls complete in all respects including cutting and making good the walls and floors etc. and painting. MS holder Bats clamps for 100 mm i/d HCI pipe [As per CSR-2010 item No. 30.78 (a)]	Nos.	06	
17	20mm thick cement plaster 1:5 in two coat work [As per CSR-2010 item No. 15.21]	sqm	83.03	
18	12.5 mm thick cement plaster 1:5 [As per CSR-2010 item No. 15.10]	Sqm	97.72	
19	Plastering on underside of ceiling 10 mm thick cement plaster 1:3. [As per CSR-2010 item No. 15.43]	sqm	32.86	
20	Cement Concrete 1:8:16 with 40mm gauge stone aggregate using concrete volumetric type [As per CSR-2010 item No. 10.6 (b)]	cum	1.23	
21	Base course of floor consisting of 100mm thick cement concrete 1:8:16 and 100mm sand filling [As per CSR-2010 item No. 14.03]	sqm	26.96	
22	Conglomerate floor 40 mm thick cement concrete topping 1:2:4. [As per CSR-2010 item No. 14.6]	sqm	12.20	
23	Floating coat of 1.5mm thick neat cement laid in one operation to the topping. [As per CSR-2010 item No. 14.4]	Sqm	12.20	
24	Providing and laying Vitrified double charge floor tiles 600x600mm size premium quality manufactured using soluble salt technology, with water absorption less than 0.08% and confirming to IS 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 for new flooring laid with cement based high polymer modified quick set tile adhesive (Water based) of approved make IS 15477 marked using 5 kg adhesive per Sqm of tile area in average 3mm thickness over existing based etc. complete [based on CSR item No. 14.129.]	sqm	26.40	

25	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 thickness to be specified by the manufacture of approval making all colours, shades accept burgundy, bottle green, black of size 300x450mm as approved by Engineer-in-charge in skirting risers of steps and dados over 12mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete. (based on CSR item 14.143)	sqm	19.84	
26	Anti-skid floor tiles 10mm thick fully vitrified 300x300mm (fully vitrified) in flooring skirting and dado in 12.5mm thick cement plaster 1:3 in base and jointed with white cement slurry in joints including corners angles and beading (based on CSR item 14.71)	sqm	3.89	
27 a	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate z sections and other sections conforming to Is: 733 and IS : 1285 of Jindal, Hindalco, Mahavir or equivalent make approved by Engineer in Charge , fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC Plug/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/paneling, C.P.brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-In- Charge. (Glazing and paneling to be paid for separately) : For fixed portion and chowkhats [As per CSR-2010 item No. 17.45 (a)]	Kg	52.17	
b	For shutters of doors, windows & ventilators including providing and fixing hinges/pivots and labour for fixing of fittings wherever required including the cost of PVC Plug / neoprene gasket required [As per CSR-2010 item No. 17.45 (b)]	kg	96.86	
28	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC Plug/ 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) Float glass panes of 5.5 mm thickness [As per CSR-2010 item No. 17.47-i]	Sqm	3.39	

29	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type II, in paneling fixed in aluminium 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 both sides. [As per CSR-2010 item No. 17.46-ii]	sqm	4.01	
30	Providing & fixing stainless steel jali	Sqm	4.50	
31	Providing and fixing hydraulic door closer ISI mark with necessary screw etc. complete SI designation no I , Size of door up to 700mm [As per CSR-2010 item No. 17.43 (a)]	No.	4	
32	Cost of Aluminium fittings complete for doors, windows such as tower bolts, handleless and screw etc. for these fittings (Excluding sliding bolt)	sqm	13.66	
a	For shutter area up to 0.50 sqm [As per CSR-2010 item No. 17.23-i]			
b	For shutter area above 0.50 sqm [As per CSR-2010 item No. 17.23-ii]	sqm	0.41	
33	Providing and fixing aluminium sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300mm x 16mm [As per CSR-2010 item No. 17.49 a]	sqm	04	
34	Preparation of plastered surfaces for distempering including surface, applying filling with approved quality filler consisting of plaster of Paris and chalk mitti including finishing the surface to the required finish [As per CSR-2010 item No. 16.6]	sqm	90.00	
35	Distempering with dry distemper of approved manufacture two coats over one priming coat to give an even shade. [As per CSR-2010 item No. 16.8]	sqm	90.00	
36	White washing (Three Coats) [As per CSR-2010 item No. 16.3]	sqm	32.86	
37	Finishing walls with exterior decorative cement based paint such as snowcem , robbiacem etc. two coats to give an even shade. [As per CSR-2010 item No. 16.14]	sqm	90.76	
38	Providing & fixing PVC false ceiling as per AOR	sqm	23.42	

Water Supply & Sanitary Installations

1	Providing and fixing in position HCI soil waste vent or antisiphonage pipes to ISI specification IS:1729 including cutting , jointing , wastage but excluding cost of lead jointing. 75 mm i/d HCI pipe line laid complete. [As per CSR-2010 item No. 30.74 i (c)]	m	9.15	
a				
b	100 mm inner dia HCI pipe [As per CSR-2010 item No. 30.74- i (b)]	m	9.76	
2	Providing and fixing in position CI Gully trap cover weighing approximately 7.26 kg and frame for gully trap chamber clear opening size 300 mm x 300 mm and out side size 330 mm x 330 mm complete in all respect. Including painting of exposed surface with 3 coats of black bitumastic superior paint of approved make to (the approval of Engineer –in –charge. [As per CSR-2010 item No. 30.75]	each	01	
3	Providing and fixing HCI Floor traps conforming to ISI specification IS:1729 of approved make 75 mm internal dia outlet deep seal [As per CSR-2010 item No. 30.79 a]	each	05	
a				
4	Providing lead caulked joints to HCI pipes and specials conforming to ISI specification IS:1729 75 mm internal dia (1.13 kg) [As per CSR-2010 item No. 30.77 A (c)]	each	07	
a				
b	100 mm internal dia (1.36 kg) [As per CSR-2010 item No. 30.77 A (b)]	each	04	
5	Providing and fixing in position HCI specials for soil waste vent or antisiphonage pipes to IS: 1729 75 mm internal dia for Heal Rest Bend [As per CSR-2010 item No. 30.81-i (b) i]	each	03	
a				
b	100 mm internal dia [As per CSR-2010 item No. 30.81-i (a) i]	each	03	
6	Providing and fixing in position stainless steel grating with frame of approved make For Floor trap [As per CSR-2010 item No. 30.80]	each	05	
7	Providing and fixing in position Chinaware European type water closet P trap or S trap (to the approval of the engineer-in-charge consisting of 10 ltr. PVC flushing cistern PVC short bend 32 mm dia including cost of seat cover complete in all respect and to the entire satisfaction of Engineer-in-charge [As per CSR-2010 item No. 30.4]	each	02	

8	Providing and fixing in position vitreous Chinaware white lavatory suites consisting of C.P. brass waste 32 mm dia with one C.P. brass pillar tap complete in all respect. Size 550 mm x 400 mm [As per CSR-2010 item No. 30.37 ii]	each	02	
9	Providing and fixing in position vitreous chinaware white senso urinal of approved make (to the approval of Engineer –in –charge) complete in all respect. As per CSR-2010 item No. 30.17 a]	each	01	
10	Providing and fixing in position PVC flexible in tube connection of approved make make (to the approval of Engineer –in –charge) complete in all respect. PVC Tube connection of size 15mm x300mm with C.P Brass nut . As per CSR-2010 item No. 30.72 a]	each	04	
11	Providing and fixing in position towel rails / ring of approved make fixed in with rawl plugs embedded in walls with brass screws, Acrylic towel Rails size 20mm dia 600mm long [As per CSR-2010 item No. 30.58 (c)]	each	02	
12	Providing & Fixing in position 5 mm thick bevelled edge mirror of superior glass complete with 4 mm thick Hardboard backing fixed in with rawl plug 50 mm Size 550 mm x 400 mm [As per CSR-2010 item No. 30.61 (b)]	each	02	
13	Providing and fixing in position C.P. brass soap dish of approved make fixed into wall with rawl plug and C.P brass screws [As per CSR-2010 item No. 30.60]	each	02	
14	Providing & Fixing in position 15 mm i/d bib cock of approved make . (to the approval of Engineer –In –Charge) complete in all respect. Brass bib cock 15 mm x 400 gm. [As per CSR-2010 item No. 30.65 A iv)]	each	02	
15	Providing & Fixing in position stop cock / Angle valve of approved make C.P. brass 15mm stop cock Male and female end [As per CSR-2010 item No. 30.66 (a)]	each	04	
16	Providing & fixing jet spray with 2'.6" long PVC pipe with CP brass nut[As per CSR-2010 item No. 30.8 (a)]	each	02	
17	Providing & fixing PVC waste pipe 32 mm dia [As per CSR-2010 item No. 30.20]	each	03	
18	Providing ISI market G.M. ferrule as per IS:2692 drilling and taping cast iron pipe lines of all diametres and screwing in ferrule and connection 20 mm i/d ferrule heavy duty. [As per CSR-2010 item No. 28.34 e]	each	01	

19	Providing lying, jointing fixing and testing ISI marked 20 mm dia GI pipe as per IS:1239 B-class premium make including cost of specials in trenches in the ground [As per CSR-2010 item No. 28.36 b]	m	3.05	
20 a	Providing lying, jointing fixing and testing ISI marked 15 mm dia GI pipe as per IS:1239 B-class premium make including cost of specials in side building 15 mm i/d (a)	m	11.81	
b	20 mm i/d [As per CSR-2010 item No. 28. 35 b]	m	6.10	
21	Providing & fixing & jointing 15 mm i/d GI union coupling as per IS: 1879. [As per CSR-2010 item No. 28. 40 a]	each	04	
22	Providing & placing in position on terrace HDPE water storage tanks of approval make with cover with suitable locking arrangement and making necessary holes for inlet, outlet and over flow pipes but without fitting and base support for triple layer tank. [As per CSR-2010 item No. 30.97 A i]	Ltr.	500	

Sewerage & Drainage

1(a)	Earth work in excavation for storage and sedimentation tanks depth upto 1.50 m below ground level for all kind of soil [As per CSR-2010 item No. 29.2 A (c)]	cum	8.99	
(b)	Where depth of excavation exceed 2.00 m below ground level or total quantity of excavation is more than 100 cum [As per CSR-2010 item No. 6.21]	cum	3.52	
2	Cement concrete 1:5:10 in foundation and plinth with 40 mm gauge stone ballast. [As per CSR-2010 item No. 10.8b i]	cum	0.46	
3	First class burnt brick work laid in cement sand mortar 1:6 in foundation and plinth. [As per CSR-2010 item No. 11.3]	cum	2.63	
4	Reinforced cement concrete M-20 mechanically batch mixed using batch type concrete mixer as per IS:1791 and vibrated by needle vibrated but excluding steel reinforcement centering and shuttering in superstructure [As per CSR-2010 item No. 10.21]	cum	0.53	

5	Centering and shuttering for flat surfaces such as suspended floors, roofs, landings, chajjas, shelves etc. [As per CSR-2010 item No. 9.8]	sqm	3.24	
6	Cold twisted deformed (Ribbed/ Tor Steel Bar) Bars Fe 500 grade as per IS 1786-1985, for R.C.C works, where not including in the complete rate of RCC including bending and placing in position complete. [As per CSR-2010 item No. 18.18]	Qtl.	0.42	
7	Conglomerate floor 40 mm thick cement concrete topping 1:2:4. [As per CSR-2010 item No. 14.6]	sqm	1.16	
8	Floating coat of 1.5mm thick neat cement laid in one operation to the topping. [As per CSR-2010 item No. 14.4]	sqm	1.16	
9	12.5 mm thick cement plaster 1:4 [As per CSR-2010 item No. 15.9]	sqm	7.84	
10	Providing & fixing 560 mm i/d RCC manhole cover with frame heavy duty. [As per CSR-2010 item No. 29.36 A (b)]	each	02	
11	Providing orange colour safety footrest of minimum 6 mm thick plastic encapsulated as per IS: 10910 on 12 mm dia steel bar confirming to IS: 1786 including fixing in manhole with CC 1:2:4 complete as per design. [As per CSR-2010 item No. 29.37]	each	17	
12				
13	Labour rate for filling stones on level [As per CSR-2010 item No. 23.44]	cum	0.56	
14	Providing & fixing 100 mm dia PVC Tee	each	2.00	
15	Providing & fixing PVC bend 110 mm dia for soakage pit	each	01	
16	Providing & fixing PVC cowl	each	02	

Electrification Charges

	Wiring in PVC insulated copper conductor single core FR cable (ISI marked), 1100volts grade to be laid in heavy gauge welded conduit pipe 20 mm/25 mm dia (1.6mm thick) ISI Marked, recessed in wall etc., complete with powder coated/anodized concealed metal boxes required for suitable number of modules, for having electronic fan regulators (two module), bell push, electronic buzzer, 3pin 6Amp., 3pin 16/20 Amp. Sockets and 6 Amp./16/20Amp. Switches etc., and covered with Frame Plate etc., & including the cost of required number of modular switches/sockets, step type electronic fan regulator 100 watts, PVC connector (For Fan Box and Electronic Buzzer), PVC Bush, Steel Hooks, Circular Inspection Box (Recessed Type and Deep Type) conduit pipe & copper wire and other petty material etc. including the cost of cutting and filling up of chases:-			
1.	Wiring fan point without fan box in PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq. mm, 1100volts grade with step type electronic fan regulator 100watts (socket size). As per CSR Item No. 33.01 (i) (a)	Per Point	2	
2.	Wiring fan point with sheet metal fan box (shape hexagonal in PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq. mm, 1100volts grade with step type electronic fan regulator 100watts (two module). As per CSR Item No. 33.01 (i) (b)	Per Point	2	
3.	Wiring light point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade As per CSR Item No. 33.01 (ii)	Per Point	14	
4.	Wiring 3 Pin 6 Amp. Plug control comprising wall socket (shuttered) and switch including bonding to existing earth with PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq. mm, 1100volts grade complete. As per CSR Item No. 33.01 (v)	Per Point	4	
5.	Wiring 3 pin 16/20 amp. power plug control (shuttered) and switch As per CSR Item No. 33.01 (vi)	Per Point	6	
6.	Wiring call-bell point in PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq. mm, 1100volts grade with bell push and electronic buzzer 230 volts AC (including the cost of bell push, electronic buzzer & powder coated concealed metal box for electronic buzzer). As per CSR Item No. 33.01 (iii)	Per Point	1	
7.	Sheet metal double door S.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating MCB's/ RCBO/ RCCB's, 12 way each . As per CSR Item No. 33.17 (xiv)	Each	1	

8.	Miniature circuit breaker single pole 6-32amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply. As per CSR Item No. 33.16 (ii)	Each	6	
9.	Miniature circuit breaker four pole 50, 63amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply. As per CSR Item No. 33.16 (xxxii)	Each	01	
10.	PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1 sq.mm, 1100volts grade.As per CSR Item No. 33.09 (i)	Mtr.	50	
11.	PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq.mm, 1100volts grade. As per CSR Item No. 33.09 (ii)	Mtr.	300	
12.	PVC insulated copper conductor single core FRLS cable (ISI marked) overall 2.5 sq.mm, 1100volts grade As per CSR Item No. 33.09 (iii)	Mtr.	100	
13.	Heavy gauge PVC conduit pipe 25mm dia. (ISI marked 2mm thick) On Surface. As per CSR Item No. 33.12 (ii)	Mtr.	54	
Non Schedule Items				
14.	Supply, Errection and testing of LED 2'x2' fitting including LED lamps. Complete in all respect including petty items to complete the job in all respects.	No.	06	
15.	Supply, Errection and testing of LED Tube light fitting 20watt complete in all respect including petty items to complete the job in all respects.	No	06	
16.	Supply, Errection and testing of Street light fitting with 25watt LED lamp complete in all respect including petty items to complete the job at site.	No.	02	

I am ready to execute the work as per terms & conditions (attached herewith duly signed on each page) of the NIT No.129/BDD/2018

No of sheets _____

Nos of conditions quoted.

By the Contractor _____

No. of cuttings _____.

No. of overwriting _____

A.O. ADDL.S.E. BHAKRA DAM DIVN,NANGAL Signature of the Contractor

Earnest money for Rs.11140/- deposited vide Bank Draft/DAC No. _____ Dated _____ and Rs00/- on account of cost of tender form deposited vide Receipt/Bank Draft No. _____ Dated _____ on _____

No _____ / NIT-129

Dated _____ /2018

To

The Joint Director,
Public Relations Board Secretariat,
BBMB, Chandigarh.

Subject: - NIT for the work of: - “Construction of APRO room cum VIP visitors waiting room along with 2 Nos. wash room near BBMB canteen RL-1700 at Bhakra Dam”

Kindly find enclosed 6 copies English of the specimen of advertisement for its wide publicity/circulations preferably in the following News Papers.

- 1 Indian Express, Chandigarh.
- 2 The Danik Jagran, Jalandhar.
- 3 Punjab Kesari, Chandigarh
- 4 Ajit (Punjabi) Jalandhar.

The Advertisement must be published/appear in the New Papers on **22.12.2018**. The expenditure may please be booked to the Head: - 2701-01-129-01-701-501 Bhakra Dam Division, BBMB Nangal Township

DA/- As above

Addl. Superintending Engineer,
Bhakra Dam Division, BBMB
Nangal Township.

- CC
- 1 Dy. Chief Engineer, Bhakra Dam Circle, BBMB Nangal T/ship
 - 2 Sr Accounts Officer, Works-I Section BBMB Nangal Township
 - 3 S D O Instt. Sub Division Bhakra

**Bhakra Beas Management Board, Irrigation Wing.
O/O The Addl. Superintending Engineer, Bhakra Dam
Division, BBMB, Nangal Township. Distt . Ropar-140124 (Pb.).**

NOTICE INVITING TENDER

NIT No.	Name of the work	Earnest Money	Last Date of Receipt / Opening of Tenders
129/ BDD/ 2018	“Construction of APRO room cum VIP visitors waiting room along with 2 Nos. wash room near BBMB canteen RL-1700 at Bhakra Dam”	Rs.11140/	21.01.2019 at 3.30 PM

The detailed NIT/terms & conditions etc. please visit/download from the BBMB Web Site” [www. bbmb. gov in](http://www.bbmb.gov.in)”,