

BHAKRA BEAS MANAGEMENT BOARD DETAILED NOTICE INVITING TENDER
SUNDERNAGAR – 17019 (Tel.01907-262233)

Addl. Superintending Engineer, Hydrel Channel & B.G. Division BBMB Sundernagar, District Mandi, HP, invites item-rate sealed tenders in prescribed form for carrying out the following work on through rates, on work order basis, from Centre/state Govt./BBMB registered contractors/Co-operative, Labour and Construction Societies of appropriate class up to 21-03-17 at 3.00 P.M. and will be opened on 21-03-17 at 3.30 P.M. in the office of the undersigned in the presence of tenderers or their authorized representatives, if any, who may wish to be present. The tender forms can be obtained from the office of the undersigned latest by 11.30 A.M. on 21-03-17, at a cost of Rs: 1000/- (Rs. One thousand only)(non-refundable) each, on the production of documents as mentioned in condition No.4 of DNIT.

In case of holiday on the opening date, the tenders will be opened on next working day as per same schedule of timings. It should be ensured that N.I.T. no. should be quoted on the cover. Earnest money and tender should be placed in separate sealed envelope, placed in an over-all sealed cover superscripted "Tender for N.I.T. No.12/16-17". The contents of each envelope should be indicated on the top of the cover.

NIT No.	Name of work	Approx. cost. Rs.	Earnest money Rs.	Time period	Date of opening
12 /16-17	Construction of culvert at Ambedkar Nagar Sundernagar.	4.74 lacs	9490/-	4 months	21-03-17

1. Detailed NIT/specifications and terms and conditions can be seen in the office of undersigned on any working day during working hours.
2. Earnest money shall be in the shape of demand draft of any scheduled bank, drawn in favour of Sr.Accounts Officer, BBMB Sundernagar, payable at Sundernagar.
3. The Societies will be considered at par with the contractors in respect of earnest money to be deposited.
4. Tender form shall only be issued on the presentation of following documents alongwith the application for tender form:
 - i) Photostat/attested copy of PAN.
 - ii) Attested copy of registration as contractor of appropriate class.
 - iii) The contractor belonging to H.P. state is required to have registration of sale tax with H.P. Govt. and to produce attested copy of the same.
 - iv) Affidavit to the effect that you have not been blacklisted and no relative of yours is working in the office.
 - v) Completed similar works and financial capability as a proof of eligibility criteria

Addl. Superintending Engineer,
Hydrel Channel & B.G. Division;
BBMB Sundernagar,

TENDER FORM

Time & date of opening tender: 03.30 P.M. 21-03-17

Earnest money: Rs. 9490/- (Rs. Nine thousand four hundred & ninety only).

Name of work:- **Construction of culvert at Ambedkar Nagar Sundernagar.**

Time limit: 4 months.

Sr. No.	Description	Unit	Qty.
1	Dismantling stone masonry/ Rubble masonry including stacking of serviceable materials and disposal of unserviceable materials in Cement.	cum	12.02
2.	Earth work in excavation in foundations, trenches etc. in all kinds of soil where pick jumper work is not involved and not exceeding 2.0 mtr. depth including dressing of bottom and sides of trenches, stacking the excavated soil clear from the edge of excavation and subsequent filling around masonry in 15 cm layers with completion including disposal of all surplus soil on directed with in a load of 30 mtrs.	cum	79.20
3.	Cement concrete 1:3:6 with stone ballast or shingle.	cum	18.72
4.	Squared rubble masonry coursed (coursed rubble) in foundations and plinth in cement mortar 1:4	cum	52.56
5.	Filling stone or spall on level	cum	4.752
6.	Cement concrete 1:4:8 with stone ballast of size 20mm gauge 20mm	cum	6.816
7.	Cement concrete 1:2:4 with stone ballast or shingle.	cum	12.72
8.	Reinforced cement concrete 1:2:4 hand mixed but excluding steel reinforcement, centring and shuttering in super structure mechanically batch mixed using batch type . mixer as per 15:1791 of vibratal by needle vibrator but excluding	cum	0.468
9.	Reinforced cement concrete M-20 mechanically batch mixed using batch type cmc mixer as per 15:1791 & vibrated by needle vibrator 3698.11+28% but excluding steel reinforcement, centering and shuttering in super structure	cum	8.25
10.	Providing and laying of filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2 of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the oil and bigger size towards the wall and provided over the entire surface behind abutment ,wing wall and return wall to the full height compacted to a firm condition complete as per drawing and technical Specification.	cum	10.80
11.	Centing and shuttering for slab culverts Exceeding 3m but upto 6 m span	Sqm.	22.36
12.	Cold twisted deformed (Ribhed /Tor steel bars (Fe550 grade as per 15/786-2008)for Rcc works where not including in complete rate of Rcc including bending and placing in position complete CSR item No.18.15.	Qtl	13.00
13.	Providing weep holes in brick masonry/ plain/ reinforced concrete abutment, wing wall/ return wall with 100 mm dia PVC pipe, extending through the full width of the structure with slope of IV:20H towards drawing face, Complete as per drawing and technical Specification.	No.	6

14.	Earth filling Earth filling under floors with surplus ordinary soil or soil containing gravel or kankar upto 40% excavated from foundation and taken only from outside the building plinth in 15 cm layers including ramming, watering and consolidating lead upto 30 mtr.	cum	47.84
15.	Structural steel work in angles, tees and flats, riveted or welded including cutting fixing all gusset plates, bolts, nuts, rivets, welding rod, etc. with hoisting and erecting in position For roof trusses, well curbs plates and trussed girders, etc. of any span for buildings and bridges up to 15 m span.	Qtl.	2.24.

Terms and Conditions:-

1. The work will be got done against work order on through rates.
2. Other terms and conditions are as per Annexure I & II.

GENERAL TERMS AND CONDITIONS

ANNEXURE-I.

1. a) Tender form shall only be issued on the presentation of proof of enlistment or renewal of enlistment as an approved contractor / society . The contractor should also produce the registration and attested copy of last Income Tax Return with application for Tender form.
b) The reputed contractors who have the experience and capacity of handling the work of such magnitude need only to give tenders, duly supported with detail of works executed and being executed by them.
2. The Co-operative Labour & Construction Societies must also produce a certificate duly numbered and signed by the Registrar, Co-operative Society to show that:-
a) The society is in existence and holds good reputation and there is no complaint against it.
b) Financial limit/ capacity of the society for the execution of work.
3. Earnest Money in the shape of Bank Draft of any scheduled Bank, payable at Sundernagar in favour of Accounts Officer, BBMB Sundernagar will be accepted. Co-Operative Societies will be considered at per with the contractors in respect of Earnest Money.
4. The earnest money, deposited shall be absolutely forfeited to BBMB or its successor in office without prejudice to any other right or remedies of the said Successor if the contractor/Society fails to commence the work, specified in the tender within one month after allotment.
5. The work will be executed in accordance with the conditions given in the work order, Stereo IB 9-A , strictly according to the P.W.D specifications under the supervision of or as directed by the Divisional Officer, or his representative S D Os / subordinates or any authority superior to the Divisional Officer.
6. The work 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 damage on this account.
7. Tender rates should be quoted as specifically item-wise for each item of work without any reference to the C. S. R. Rates
8. The tenders which are conditional or vague or telegraphic or not accompanied with Earnest Money or contain corrections, cutting or over-writings, which are not attested, are liable to be rejected.
9. The validity of the tender shall be 90 days from the day of opening of the tender.
10. Acceptance of tender is subject to approval of the competent authority who does not bind himself to approve or accept the lowest tender and reserves the right to reject any or all the tenders without assigning any reason thereof.
11. 10% security shall be deducted from the running bills for the work done by the contractors / society which will be refunded after three month of the completion of the work according to the specifications and production of No Demand Certificate from the S. D.O. concerned.
12. In case of accident caused to the workman or to the public, the contractor shall have to pay compensation to the injured workman or person or in case death, to his legal heirs as per provisions or compensation Act. 1923, as amended from time to time.
13. In case of dispute arising between the contractor and Department the case will be referred for arbitration to the Superintending Engineer, BSL Circle No. I, BBMB, Sundernagar, whose decision will be final and binding on both the parties.
14. All statutory levies and Taxes will be deducted from the claims of the contractor as per rules.
15. Contractor will be Required to have Registration of Sale Tax from Himachal Govt.
16. Contractor shall use his own tools, plant & machinery wherever required to execute the work.
17. The contractor shall make his own arrangements for obtaining Electric / Water Connections.
18. The Divisional Officer shall have the right to reject all or any of tenders and will not be bound to accept the lowest tender.
19. The Divisional Officer has the right to increase or decrease the quantity of work prior to, during or after the opening of tenders.
20. Negotiation for reduction of tendered rates, if necessary, shall be held only with the lowest tenderer.

21. In the event of the failure of the contractor to complete the work as per stipulated period, he shall be liable to pay as compensation an amount equal to ½ % per week, or part thereof of the total cost of delayed work for the period of delay, subject to the condition that the entire amount of compensation on account of delay shall not exceed 10% of the cost of the delayed work .
22. If the contractor shall desire an extension of the time for completion of work on the grounds of his having been unavoidably hindered in its execution or on any other ground he shall apply in writing to the Divisional Officer within 10 days of the date of hindrance on account of which he desires such an extension as aforesaid; but before expiry of the limit and the Divisional Officer shall if in his opinion (which shall be final) reasonable grounds be shown therefore authorize such extension of time if any as may, in his opinion be necessary or proper.
23. If the contractor neglects to execute the work with due diligence or refuses to comply with any reasonable orders given in writing, the Engineer-in-Charge of the work shall give 15 days notice to make good the failures and should the contractor fail to comply with the notice within the reasonable time, then in such case the department will be at liberty to take the work wholly or partly out of the hands of the contractor. In such an event it shall be lawful to the department to retain any such balance amount which may otherwise be due to the contractor and apply the same towards the execution of the whole or balance of the work so re-contracted aforesaid. In case, such balance due is not sufficient to cover the amount, it shall be lawful to the department to recover the whole or balance of the amount from the firm by action of law.
24. Any sum found to be due to the BBMB by the contractors in respect of this work order may be deducted from any sum whatsoever payable by the BBMB to the contractor whether in respect of this work order or any other work order of contractor.
25. The tenderers are advised to see the site and site conditions where the work is to be done, in their own interest. The detailed terms and conditions drawings and other documents required in connection with the work can be seen in the Divisional Office on any working day during office hours. It will be presumed that contractor has seen and noted terms and conditions prior to submitting the tenders.
26. Subject to availability, suitable accommodation to be used for store purpose/ labour will be allotted by the Divisional Officer against payment of rent under FR.45.B.
27. The contractor shall pay not less than fair wages to labour engaged by him on the work. The contractor has to ensure that the payment of their workers should be made through bank Account on time and for the same he has to provide the undertaking with his payment bill.
28. The contractor shall provide at his own cost basic amenities like clean drinking water, trench latrines, bath rooms enclosures etc. for the labour employed by him.
29. The contractor shall submit periodical returns, required under Contractor Labour Regulations to the Labour Welfare Officer, as may be specified from time to time.
30. Recovery for the water used for the construction by the contractor shall be made @ ½ % of the gross value of work done if the water is supplied by the Deptt.
31. The Contractor shall clear the whole site of all scaffolding materials and rubbish etc. left out of his work and dress the site around the building to the satisfaction of the Engineer-in-Charge before the work is considered as completed.
32. Final bill only be prepared after N.D.C.s from the S D O Commercial Sub Division B.B.M.B. Sundernagar and the S D O Enforcement Sub Division B.B.M.B Sundernagar respectively in connection with electric charges and house rent charges, are supplied by the contractor.
33. The building handed over to the Contractor will be taken over by Deptt. in original condition to the satisfaction of Engineer-in-Charge after carrying out necessary repairs. Any theft or breakage will be the entire liability of Contractor

TECHNICAL TERMS AND CONDITIONS

1. All the machinery will be arranged by the contractor and no machinery/ equipment/ plant or T&P shall be deployed by the department. The contractor shall himself procure and deploy his own machinery and equipment for the work under contract with him.
2. The contractor shall establish a laboratory in the field at his own cost to carry out various tests such as optimum moisture content, field density, moisture content of the filler material etc. to the satisfaction of the Engineer- In – charge. As and when the department desires to get the test conducted from the approved external agency, all labour for collecting samples for test will be supplied by the contractor free of cost. Testing charges shall be borne by the department in case the test results are found satisfactory, otherwise the testing charges shall be borne by the contractor. Transportation of work samples from work site to and fro from the laboratory shall be arranged by the contractor at his own cost.
3. Tests for field density are to be carried out for each layer. Subsequent layer shall be placed only after the finished layer has been tested and accepted by the Engineer- In – charge.
4. In case the sample fails, the entire work executed up to the work last measured shall be rejected without any compensation.
5. The contractor shall ensure the proper safety of the structures, drainage, dowel, sign boards etc; and in case of any damage to these the contractor shall be liable to restore/ repair the same at his own cost. In case of his failure to do so the needful shall be done by the department at the cost of the contractor.
6. No pits should be dug by the contractor near the site of work for taking out earth for use on the work. In case of default the pits so dug will be filled in by the department at the cost of the contractor.
7. Nothing extra shall be paid for any lead and lift for any material required directly or indirectly and the rates given in the NIT include all leads and lifts and other charges.
8. The contractor shall provide and maintain barricades, sign, caution boards, flagmen as necessary, put red lights to prevent accidents and provide road closed barriers on each end of his work and such intermediate points as directed by the Engineer- in charge for proper demarcation of the construction area round the clock.
9. All arrangements for traffic during construction including maintenance shall be considered as incidental to the work and contractors responsibility and nothing shall be payable to him in this respect.
10. The Executive Engineer, HC & BG Divn. BBMB, Sundernagar Distt. Mandi (HP) reserves the option to take away any item of work or part thereof at any time during the currency of the work order and re-allot to any other agency with due notice to the contractor without liability of any kind of payment of any compensation on this account.
11. The material left at site one month after completion of the work shall become the property of the BBMB and no payment shall be made to the contractor for this material.
12. No claim shall be entertained on account of increase in the cost of material, freight charges and labour etc; due to any cause what - so – ever may be.
13. The actual quantities of completed and accepted work by the contractor him self will be paid in running bills.
14. The contractor shall be responsible for any or all losses and damages due to unfinished work or during execution as result of floods and acts of God/ natural calamity. The department shall not entertain any such claim.
15. For any legal/ financial interpretations of any item of the schedule of rates/ tender form attached here to valid interpretation shall be Superintending Engineer, BSL C-I, BBMB, Sundernagar.
16. Stone aggregate, sand used for the work shall be free from dust and other foreign particles etc.
17. The material for placement in different zones shall be carried from the sources exclusively specified/ approved by the department.
18. Only cement shall be supplied by the Department. @ Rs _____ per MT other material, which shall conform to ISI / PWD specifications, will be arranged by the contractor himself.
19. Cement shall be carried from the BBMB stores Sundernagar to the site of work by the contractor with his own arrangement and cost for storage at site of work shall be done by the contractor with his own by putting double lock arrangement.
20. Empty cement bags will have to be returned in good condition by the contractor to the Junior Engineer concerned, failing which the recovery @2.00 per bag will be made from the bill of the contractor.
21. Curing shall be done by the contractor regularly for 28 days, as specified by the Engineer-in-charge or as per IS code 456/2000. Otherwise deduction as admissible will be made from the contractor bill.
22. Crushed aggregate conforming to P.W.D. specifications shall be allowed to be used as per direction of Engineer-in-charge.
23. The material shall be issued to the contractor against the indent / register .After delivery of material from the stores the contractor will be responsible for the quantity and the safe custody of the material and for keeping it in good condition at his own cost till it is consumed on the work or returned to stores.
24. The material consumed for rectification of the substandard work done by the contractor shall be recovered from his claim at double issue rates.
25. The material consumed by the contractor more than 5% of the theoretical material consumption shall be recovered from the claim of the contractor at double the issue rates.

27. The contractor shall keep in good condition all works executed till the completion of the entire work allotted to him.
28. Jungle, vegetation and other objectionable material on the slope portion shall be cleared sufficiently beyond the proposed toe of the bank by the contractor as per direction of the Engineer-in-charge.

29. Preparation of surface for earth filling:

Before placing the earth fill, the surface area of ground slope that will be covered by earthwork shall be cleared of trees, bushes and grass, and the surface shall then be stripped at his own cost. Earth work shall be carried out and finished in accordance with the approved drawings or as directed by the Engineer-in-charge. When there is appreciable slope in the existing surface or the old work is to be joined with the new work. The ground shall be trenched and stepped as directed by the Engineer-in-charge. No separate payment shall be made to the contractor for this item. The rate of excavation under contract shall include the cost of the work.

30. Compaction :

- (i) Filling shall be done in layers not exceeding 20 cm (loose) which shall be well compacted to achieve the required minimum dry density of 90% of standard Procter Optimum dry density at a moisture content varying from -2% to +4% of Optimum Moisture Content (O.M.C.) for the height of fill above 35 feet and -2% to +5% of O.M.C. for height of fill less than 35 feet (ii) Where width of layer is sufficient, compaction shall be done mechanically and compaction equipment approved by the Engineer- In – Charge shall only be deployed by the contractor.
- (iii) Where width of layer is not sufficient and there is small slice of earth, complete compaction shall be done manually by applying hand compactor /dumut vertically and by making horizontal steps at small regular intervals as directed by the Engineer-in-charge to the required strength.
- (iv) All structures adjacent to the earth fill shall be suitable protected against displacement or other damage during the earth work operation.
31. No extra payment shall be made to the contractor on account of removal of hard soil, slush/duldul dewatering or lowering of sub soil water, if any and no extra payment will be made for any lead and left.

32. Site order book:

A site order book shall be kept on the site of the work. As far as possible, all order, regarding the work are to be entered in this book. All entries there in shall be signed by the engineer or his authorized representative and the contractor or his authorized representative. In important cases, the Engineer will countersign the entries which have been made. The site order book shall not be removed from the work site except with the written permission of the Engineer-in-charge and the contractor shall be bound to take note of all instructions and directions meant for the contractor as entered in the site order book without having to be called on separately to note them.

33. The boulders of size 6" to 9" as specified by the Engineer- In – Charge shall be used.
34. The earth work will be paid by calculating the difference between the existing cross section before starting of work and the cross section after the finishing of work in all respect.
35. The length and breadth shall be measured correct to 0.01 mtr. if these are less than 25 mtr., and correct upto 0.1 mtr. if these are 25 mtr. and above. The depth shall be measured correct to 0.01 mtr. The areas shall be marked out correct to 0.01 square meter & cubic contents correct to 0.01 cubic meter.
36. The waste dismantled material should be disposed of at proper place by the contractor.
36. Other term and conditions can be seen in the O/O Addl superintending Engineer, HC & BG Divn; BBMB, Sundernagar Distt. Mandi (HP).

