

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES
BRAHMAPUTRA BOARD

AMENDED UPTO AUG 2007

CPWD-6

No. BB/TC/T-68/06/ 60

Dt. 01-11-11

NOTICE INVITING TENDER

1. Item rate tenders are invited on behalf of the Chairman, Brahmaputra Board from approved and eligible contractors of CPWD, Dept. of Telecommunications, MES, Railways, State PWD/ PHE/ Irrigation/ Water Resources, etc., for the work of
“Hydrographic survey of Brahmaputra River from Sisini up to Rohmorja area in Tinsukia District, Assam.”

The enlistment of the contractors should be valid on the last date of sale of tenders.

In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of sale of tenders.

In case, both the last date of receipt of application and sale of tenders are extended, the enlistment of contractor should be valid on either of the two dates, i.e. original date of sale of tender or on the extended date of sale of tenders.

- 1.1 The work is estimated to cost **Rs.8.948 lakh (approx)**. This estimate, however, is given merely as a rough guide.
 - 1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NIT for calling the tenders.

- 1.2 This tender is called under **two envelope system**. Envelope-1 will contain documents related to eligibility criteria & Envelope-2 will contain Financial Bid. Envelope-1 of all tenders shall be opened first and evaluated and qualified bidders will be selected. Financial bid of qualified bidders shall then be opened at notified time, date and place in presence of tenderers or their representatives. The eligibility criteria are as per **Annex-E₁**.

2. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD-8 which is also available as a Govt. of India Publication. Tenderer shall quote his rates as per various terms and conditions of the said Form which will form part of the Agreement. Clause No. 6A, 6B, 10CC, 31-I, 34 of CPWD Form-8 stand deleted.
3. The time allowed for carrying out the work will be **45 days**, from the **10th day** after the date of issue of 'letter of acceptance of tender' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

4. The site for the work shall be made available as specified below:

The site for the work shall be shown within 10(ten) days after the date of issue of the letter of acceptance of tender.

Receipt of applications for issue of forms will be stopped by **16-00 Hrs.** on 10-11-11 and issue of tender forms will be stopped three days before the date fixed for opening of tenders.

Tender documents consisting of plans, specifications, schedule of quantities of the various classes of work to be done and the set of terms & conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen in the office of the *Superintending Engineer, Tinsukia Circle, Brahmaputra Board, Tinsukia*, between hours of **11.00 A.M. & 04.00 P.M.** from 01-11-11 & up to 10-11-11 every day except on Saturdays, Sundays and Public Holidays. Tender documents, excluding standard form, will be issued from his office, during the hours specified above, on payment of Rs.500.00 as cost of tender in form of demand draft drawn in favour of Financial Adviser.

5. a) Earnest Money of **Rs.17,900.00** in the shape of Banker's Cheque/ Receipt Treasury Challan/ Deposit at Call receipt of a scheduled bank/ fixed deposit receipt of a scheduled bank/ demand draft of a scheduled bank issued in favour of the Financial Advisor, Brahmaputra Board.
b) The Security Deposit will be collected from the Running Bills of contractors @ 5% of the tendered value of the work.
6. Tenders, which should always be placed in sealed envelope, with the name of work and due date written on the envelopes, will be received by the *Superintending Engineer, Brahmaputra Board, Tinsukia* up to **03.00 P.M.** on **14-11-11** and will be opened by him or his authorized representative in his office on the same day at **03.30 P.M.**
7. The contractor shall be required to deposit an amount equal to 5% of the tendered value of the work as **performance guarantee** in the form of an irrevocable bank guarantee bond of any scheduled bank or State Bank of India in accordance with the form prescribed or in the form of Govt. Security, fixed deposit receipt etc., as in the case of recovery of security deposit within prescribed number of days of the issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge up to a maximum period of prescribed number of days on written request of the contractor.
8. Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above mentioned officer. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining

at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plants, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

9. The competent authority on behalf of the Chairman, Brahmaputra Board does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

The competent authority also reserves its right to allow to the Central Government public sector enterprises, joint venture with CPSE holding 51% equity or more, a purchase preference with reference to the lowest valid price bid where the quoted price is within 10% of such lowest price in a tender other things being equal in case of tenders/ quotations whose date of receipt is up to 14-11-11, subject to the estimated cost being of Rs. five crores and above. The Public Enterprises who avail benefits of the purchase preference should be subjected to adequate penalties for cost overruns etc.

10. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
11. The competent authority on behalf of the Chairman, Brahmaputra Board reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
12. The contractor shall not be permitted to tender for works in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in the Brahmaputra Board or in the Ministry of Water Resources. Any breach of this condition by the contractor would render him liable to be rejected.
13. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of two years after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
14. The tender for the works shall remain open for acceptance for a period of **90 (ninety) days** from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or

makes any modifications in the terms and conditions of the tender which are not acceptable to the Department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.

15. This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/ contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of :-
 - a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
 - b) Standard CPWD Form 8.
16. All rates should be quoted in figures as well as in words. In case of discrepancy in the rate quoted by the contractor in words & figures, the rate quoted in words will be considered as the correct rate.

Superintending Engineer

ANNEX-E₁
INITIAL CRITERIA FOR ELIGIBILITY

1. The bidder should have satisfactorily completed during the last seven years ending last day of the month of **March 2011. This should be certified by an officer not below the rank of Executive Engineer/ Project Manager or equivalent.**

Three similar works each costing not less than Rs.3.58 lakh, or completed two similar works each costing not less than Rs.4.47 lakh, or completed one similar work costing not less than Rs.7.16 lakh. (*Similar work means Hydrographic survey/ contour survey*).

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

2. The bidder should have had average annual financial turnover (gross) not less than Rs.2.68 lakh during the immediate last 3 (three) consecutive financial years. The average annual financial turnover (gross) should be duly audited by a Chartered Accountant. Year in which no turnover is shown also be considered for working out the average.
3. The bidder should not have incurred any loss in more than two years during the immediate last five consecutive financial years, duly certified by the Chartered Accountant. (Form-A, Ref: Appendix-20, Para-9 of CPWD Manual 2010).
4. The bidder should have a solvency of the amount equal to Rs.3.58 lakh. (Form-B, Ref: Appendix-20, Para-9 of CPWD Manual 2010).
5. The bidder should submit up-to-date registration in CPWD/ Railways/ P&T/ MES/ State PWD/ Irrigation/ Water Resources/ PHE Department; and Income Tax Clearance Certificate/ PAN, Permission for Composition Amount of VAT in WC-2 form/ VAT Registration Certificate, EPF Registration Certificate.
6. The bidder must have at least 1(one) no. each of GIS, DGPS, Total Station.
7. The bidder should furnish the list of works similar of nature successfully completed during last seven years in Form-C (Form-C, Ref: Appendix-20, Para-10.1 of CPWD Manual 2010)
8. The bidder should furnish the list of project/works under execution or awarded (Form-D, Ref: Appendix-20, Para-10.1 of CPWD Manual 2010)
9. The bidder should furnish the particulars of completed works and performance of the bidder duly authenticated/ certified by an officer not below the rank of Executive Engineer/ equivalent for each work completed or in progress (Form-E).
10. The bidder should submit information in respect of his organization (Form-F&G).

The bidder shall have to furnish an affidavit as under at the time of purchasing of tender or with the tender paper:

“I/ we undertake and confirm that the eligible similar work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of deptt, than I/ we shall be debarred for tendering in CPWD/ Brahmaputra Board contracts further for ever. Also, if such a violation comes to the notice of deptt before date of start of work, the engineer-in-charge shall be free to forfeit the entire amount of earnest money/ performance guarantee.”

Superintending Engineer

**GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES
BRAMAPUTRA BOARD**

AMENDED UPTO AUG 2007

CPWD-8

STATE- Assam
CIRCLE- Tinsukia

DIVISION-Roing

Item Rate Tender & Contract for Works

Tender for the work of:-“Hydrographic survey of Brahmaputra river from Sisini up to Rohmorla”

- (i) To be submitted by **15-00** hrs. on **14-11-2011** to the Superintending Engineer, Tinsukia Circle, Brahmaputra Board, Tinsukia.
- (ii) To be opened in presence of bidders who may be present at **15-30** hrs. on **14-11-2011** in the office of the *Superintending Engineer, Tinsukia Circle, Brahmaputra Board, Tinsukia.*

Issued to
...(contractor)

Signature of Officer issuing the documents
Designation

.....
Date of issue

TENDER

I/We have read and examined the Notice Inviting Tender, schedule, A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Chairman, Brahmaputra Board within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for **ninety (90) days** from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of **Rs.17,900.00** has been deposited in receipt treasury challan/ deposit at call receipt of a scheduled bank/ fixed deposit receipt of scheduled bank/ demand draft of a scheduled bank,/ bank guarantee issued by a scheduled bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/we agree that the Chairman, Brahmaputra

Board shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/we agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I/we shall be debarred for participation in the re-tendering process of the work.

I/we hereby declare that I/we shall treat the tender documents, drawings and other records connected with the work as secret/ confidential documents and shall not communicate information/ derived therefrom to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated :

Signature of Contractor

Witness :

Postal Address

.....

.....

Address :

.....

.....

Occupation :

.....

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Chairman, Brahmaputra Board for a sum of Rs. (Rupees

The letters referred to below shall form part of this contract Agreement:-

- i)
- ii)
- iii)

For & on behalf of the Chairman,
Brahmaputra Board

Signature :

.....

Dated :

Designation :

SCHEDULES

SCHEDULE 'A'

SCHEDULE OF QUANTITIES

Name of work:- "Hydrographic survey of Brahmaputra river from Sisini up to Rohmoriam area"

| Sl. No. | Item of work | Qntty. | Unit | Rate in figure | Rate in words | Amount (Rs.) |
|---------|---|--------|------|----------------|---------------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 | |
| 1 | Hydrographic survey of Brahmaputra river from Sisini up to Rohmoriam area. | | | | | |
| i) | Carrying out compass survey along the base line periphery of Chapori/char area and taking offset including clearing and holding instruments, ranging rod, pegging and chaining including shifting of survey instruments, etc. complete as directed. | 160 | km | | | |
| ii) | Carrying out GTS BM connection to the field point where survey works are to be carried out in plain area. | 80 | km | | | |
| iii) | Cross-section survey of river Brahmaputra along pre-determined alignment by using Total Station/Theodolite, Compass, Leveling Instrument, Echo Sounder/ Sounding Rod, Leveling Staff, Current Meter, Tape, Chain, etc. and taking velocity at different depth of channel where necessary including carrying BM to different points of cross-section upto permanent high bank of embankment on either side with spot leveling and compassing of minor char on its way etc complete as directed. C/s at 1.5 km interval for total length of 80km.(No. of C/s= 54 nos.) | 310 | km | | | |

Signature of Bidder

to the direction of river flow and shall be identified in the direction in the desktop study before proceeding to the field survey. The spot levels / RL of individual C/S should be picked up at not more than 50 m intervals at bank, dry weather channels, chars cultivated areas, villages and towns and at lesser intervals on main river channels as well as all secondary channels having water as per field condition. In case of undulations, levels at closer interval may be required. On the cross-section, approximate HFL with date of occurrence should be marked. Position of each cross-section with their zero chainage and bearings should be invariably indicated on the survey plan reoffered in 1(ii) above. The scale for Cross-section should be H=1:10000, V=1:500

Precautions

1. **Survey data:** -At the bank lines RLs may be required to be picked up at closer intervals. Base line is also required to be marked at ground.
2. **Levels:-** All levels should be connected to GTS Bench Mark.

Methodology:-

1. **Vertical control:** - Level should be transferred from nearest GTS BM of Survey of India located at Dholla/ Doomdooma or any other point to survey area have a minimum accuracy of 5mm.
2. **Cross – section:-** Dry area should be covered using Total Station Equipment having a minimum accuracy of 5mm. In water under ground level the RLs are measured using DGPS and echo-sounder not older than 5 years..
3. **Reports & Maps:-** Cross-sections & compass plans showing location of cross-section should be prepared in CAD along with scope of work with tables as indicated. Cross-sections & long-sections drawings etc. should be prepared showing vertical distance & chainage on scale. Water levels should be mentioned along with the date of the sections. Scale should be mentioned in separate box. Contour grid should be shown clearly @ 50m interval in the plan.

Both the soft copies and hard copies in 10 (ten) sets are to be submitted to the Board.

SPECIAL CONDITION FOR SURVEY WORK

1. Payment of survey work will be made as per no. of cross-sections taken or distance in km surveyed.
2. Contractor or his authorized agent will have to remain present during recording of initial & final measurement & shall have to sign the same in the M.B. / S.M.B. as a token of his acceptance of the levels / measurements. No survey work should be done before recording of the initial measurement.
3. If the contractor fails to attend measurement in spite of written notice issued to him by Asstt. Executive Engineer or Executive Engineer, measurement will be recorded in his absence and the contractor shall have no complain what so ever on it.

SCHEDULE-D

BROAD SCOPE OF WORK

The scope involves topographic and hydrographic survey of the area as marked on the map area for the purpose of protection of erosion problem in Dholla Hatighuli area. The scope would consist of:

A. Site Information

- i) Area: The area is bounded by Latitude $27^{\circ}44'00''$ and $27^{\circ}51'00''$ and Longitude $95^{\circ}28'00''$ and $95^{\circ}38'00''$.
- ii) Approach to site: The main approach to the working area is from Dholla township in Tinsukia District.
- iii) Camping area: The area near Dholaghat/ Kaliaghat will be suitable for camping.
- iv) Climatic condition: The area is highly humid.

B. Broad Scope of Work

1. Survey data:-

- i) Index plan: - To a scale of 1: 20,000 should show the entire reach / area under consideration / specified, mentioning State, District, important Towns in the vicinity to the location, tributaries joining the present river Brahmaputra, and catchment areas etc.
- ii) Survey plan should be to a scale of 1:10,000 for the reach/area and as defined by the Board.

This plan should show,

- a. A compass plan covering entire reach / area as defined.
 - b. Latitudes and longitudes.
 - c. Winter water channels.
 - d. Formation of rapids, pools, meandering etc.
 - e. Position of existing structures like bridges, ghats, barrage, spurs, revetments, flood protection dykes / embankments, road etc. if any and any topographic features.
 - f. The nature of vegetation that come under each cross-section during field survey in the shoals and submersible land should be indicated.
 - g. The various channels both dry & live to be indicated.
 - h. Position of the cross sections should be shown on plan along with bearings.
2. **River Cross-section:-** Cross-section at 1.5km intervals for the entire reach length of 80 km totaling 310 km along Brahmaputra. Cross-section may also be required at closer intervals as directed by the Executive Engineer-in-charge in certain locations wherever felt necessary / whichever may be necessary. The cross-section of river Brahmaputra is 50 m beyond the existing embankment/ high bank on both banks. The direction of cross-section should be preferably perpendicular

SCHEDULE 'B'

Schedule of materials to be issued to the contractor:

| Sl. No. | Description of item | Quantity | Rates in figures & words at which the material will be charged to the contractor | Place of issue |
|---------|---------------------|----------|--|----------------|
| 1 | 2 | 3 | 4 | 5 |
| | - Nil - | | | |

SCHEDULE 'C'

Tools and plants to be hired to the contractor:

| Sl. No. | Description | Hire charges per day | Place of issue |
|---------|---------------|----------------------|----------------|
| 1 | 2 | 4 | 5 |
| |NIL..... | | |

SCHEDULE 'D'

Attached separately below.

4. Any work executed by the contractor before signing of the formal tender agreement and before recording of initial measurement, shall be declared as unauthorized and no payment will be entertained by the Department for such works.
5. All cross sections are to be taken keeping 50m of ground area on either side of banks.
6. The contractor should aware of line of survey work and it should be obstruction-free for at least 50m.
7. Local flood affected peoples should be engaged in the work as far as possible.
8. The contractor has to arrange the tents or houses for the survey works.
9. Necessary arrangements for bamboo pegs, jute string, coir string etc. required for profiles will be made by the contractor at his own cost.
10. The survey works to be done by total station, GIS, GDPS & echo-sounder, the VAT charges & escalation charges may be added by the contractor, provided overall cost of the works is not exceeded.
11. Necessary compensations made by the contractor with other works in progress at the time of survey works with the Department should not be included in the bill for reimbursement.
12. Any maintenance required in hired buildings/rented house will be borne by the contractors.
13. Necessary Forest Royalty, Sale Tax etc., if any in taking survey equipments, raw materials should be paid by the contractor himself.

ADDITIONAL CONDITIONS :

- 1) All items in Schedule of quantity are consolidated items of works inclusive all consumable material cost, labours, tools & tackles etc. All rate quoted by the contractor will be inclusive of labour, all consumable material cost, tools & tackles, included all taxes etc.
- 2) If situation demands, the printed challans in a book form with numbering will be arranged by the contractor for transport of materials necessary for the work from the stacking yard to actual place of utilization as per direction of the EIC.
- 3) There is likelihood that some other works may also be under execution simultaneously by other agencies in the adjoining area. The contractor shall execute the works without causing any hindrance/ disruption to such works.
- 4) The contractor shall intimate the EIC about the number of labourer engaged daily for execution of the work. A register will be maintained by him for this purpose. He shall arrange the laborers in such a way so as to complete the works within the stipulated time.
- 5) The contractor is sole responsible for watch and ward of the materials necessary for the work till completion and handing over of the site to the Department. For any loss, theft or damage of survey or other instruments under custody during execution of the work, the contractor is liable to make up for such loss as deemed fit by the Department.
- 6) Engineer in charge or his authorized representative shall check the works from time to time. Observations regarding defects communicated by him, if any, will be removed/ rectified by the contractor for which no extra claim shall be entertained in any shape.
- 7) In case situation demands, the EIC has the right to review the situation as regards to possibility of execution of works or otherwise. In case it is not possible to execute the works, necessary instructions will be issued by the Department to temporarily/

- permanently close the works, which will be binding on the contractor and no claim whatsoever for sudden suspension/ closure of works will be admissible.
- 8) The Department shall deduct Income Tax, Sales Tax and Labour Welfare Cess or any other prevailing tax at the time of releasing payment of interim bills/ final bill in accordance with prevailing Govt. rules.

Accident :

- (i) It shall be the responsibility of the contractor to protect against accidents on the works and the workmen engaged by him in the works. He shall indemnify the Department against any claim for damage or for any injury to persons or property resulting from and in the course of works and also under the provision of the Workman's Compensation Act.
- (ii) On the occurrence of an accident arising out of the work which results in death or which is so serious as to be likely to result in death, the contractor shall within 24 (twenty four) hours of such accident, report in writing, to the Engineer-in-Charge and District Labour Officer stating the facts clearly and in sufficient the circumstances of such accident and the subsequent action. All other accidents on the works involving injuries to persons or damage to property other than that of contractor shall be promptly reported to the Engineer-in-Charge and the District Labour Officer stating clearly and in sufficient details the facts and circumstances of the accidents and the action taken.
- (i) In all cases, the contractor shall indemnify the Department against the contractor's failure to report in the matter aforesaid. This includes penalties or fines, if any, payable by the Govt. as a consequence of failure to give notice under the Workmen's Compensation Act or failure to conform to the provisions of the said Act in regard to such accidents. In the event of an accident in respect of which compensation may become payable under the Workman's Compensation Act-VIII of 1923 including all modifications thereof whether such compensation may become payable by the contractor, the Engineer-in-Charge may retain payment due to the contractor such sum or sums of moneys as may in the opinion of the Engineer-in-Charge be sufficient to meet such liabilities. On receipt of award from the Labour Commissioner in respect of quantum of compensation, the difference of amount be adjusted.

Supervision, Inspection of Works

The contractor shall either himself supervise the execution of the works or shall appoint the competent engineer approved by the Engineer-in-Charge, to act on his behalf. If in the opinion of the EIC the contractor has himself no sufficient knowledge and experience of receiving instructions or can not give full attention to the works or fails to appoint a suitable qualified engineer, the EIC will suspend the work till a suitable agent/ engineer is appointed and the contractor will not get any compensation for this.

Inspection of Works

The contractor shall inform the Engineer-in-charge in writing when any portion of the work is ready for inspection giving him sufficient notice to enable him to inspect the same without affecting the further progress of the work. The work shall not be considered to have been completed in accordance with the terms of contract until the Engineer-in-charge shall have certified in writing to that effect. Approval of materials of workmanship of approval of part of the work during the progress of execution shall not bind the Engineer-in-charge or in any way affect him even to reject the work which is alleged to be completed and suspend the issue of his

certificate of completion until such alternations and modifications or reconstruction's have been effected at the cost of the contractor as shall enable him to certify that the work has been completed to his satisfactions. The contractor shall provide at his cost necessary ladders/ boats and such arrangements as to provide necessary facilities and assistance for proper inspection of all parts of the work at his own cost.

SCHEDULE 'E'

NA

Schedule of component of Cement, Steel, other Materials, Labour etc. for price escalation.

CLAUSE 10 CC

NA

| | |
|---|------------|
| Component of Cement – expressed as percent of total value of work | Xc |
| | % |
| Component of Steel – expressed as percent of total value of work | Xs % |
| Component of Civil (except cement & steel)/ Electrical construction materials – expressed as percent of total value of work | Xm % |
| Component of Labour – expressed as percent of total value of work | Y % |
| Component of P.O.L. – expressed as percent of total value of work | Z..... % |

SCHEDULE 'F'

General Conditions of contract:

Name of work:- “Hydrographic survey of Brahmaputra river from Sisini up to Rohmorja area”

- | | |
|----------------------------|----------------------|
| i) Estimated cost of work | Rs. 8.948 lakh |
| ii) Earnest Money | Rs.17,900.00 |
| iii) Performance Guarantee | Rs. 44,740.00 |
| iv) Security Deposit | 5% of Tendered Value |

General Rules & Directions:-

Officer inviting tender: Superintending Engineer, Tinsukia Circle, Brahmaputra Board, Tinsukia, on behalf of Chairman, Brahmaputra Board.

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 See below

Definitions:

- | | | |
|----|---|--|
| a) | Engineer-in-Charge | : Executive Engineer, Roing Division, Brahmaputra Board, Roing, Arunachal Pradesh |
| b) | Accepting Authority | : Chief Engineer (I&W), Brahmaputra Board |
| c) | Percentage on cost of materials and labour to cover all overheads and profits | 10 % |
| d) | Standard Schedule of Rates | : NA |
| e) | Department | : BRAHMAPUTRA BOARD |
| f) | Standard CPWD contract Form | : CPWD form 8 as modified & corrected up to latest amendments. Clause No 6A, 6B, 10CC, 31-I & 34 of CPWD Form-8 stand deleted. |

Clause 1

- | | | |
|-----|--|------------------|
| i) | Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days | : 7 (Seven) days |
| ii) | Maximum allowable extension beyond the period provided in (i) above in days | : 7 (seven) days |

Clause 2

Authority for fixing compensation under clause 2 : Superintending Engineer, Tinsukia Circle, Brahmaputra Board, Tinsukia.

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start : 10 (Ten) days

Mile stone(s) as per table given below: NA

Table of Mile Stone(s)

| Sl. No. | Description of Mile Stone (Physical) | Time Allowed in days (from date of start) | Amount to be withheld in case of non achievement of milestone |
|---------|--------------------------------------|---|---|
| | | | |

Clause 7

Gross work to be done together with net payment/ adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment : NA

Clause 10B

Whether Clause 10 B shall be applicable No

Clause 10 CC Stands deleted

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column months

Clause 11

Specifications to be followed for execution of work : As per additional conditions

Clause 12

12.2 & 12.3 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for the work NA

12.5 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work NA

Clause 16 NA

Clause 36 NA

Clause 42 NA

Superintending Engineer

