GOVERNMENT OF WEST BENGAL
WATER RESOURCE INVESTIGATION & DEVELOPMENT DEPARTMENT

Estimate for supply of Electronic Reflectorless Total Station TS 07 R5000 (5") in the district Purulia Under Purulia (A-M) Division, Purulia, Under Non-Plan Programme LOCAL COMPETITIVE BIDDING


Last Date of receiving application : 12.03.2020 up to 12.00 P.M.
Last Date of purchasing Bid documents : 12.03.2020 from 4.00 P.M.
Receiving date of Bid documents : 16.03.2020 up to 11.45 AM.
Opening date of Quotation : 16.03.2020 at 12.30 P.M.

Place of Delivery : Sub-Divisional store under Purulia-II (A-M) Sub-Division.

Time of completion : Within 45 (Forty Five) days

INVITED BY

Executive Engineer (Agri-Mech.)
Purulia (Agri-Mech.) Division
Willcox Road, Belgama, Purulia
PIN-723101, West Bengal
NOTICE INVITING QUOTATION NO. 03 OF 2019-2020

1. INVITATION:-
Sealed quotation are invited in W.B. Form No. 2908 on behalf of Govt. of West Bengal Estimate for supply of Electronic Reflectorless Total Station TS 07 R5000 (5") in the district Purulia Under Purulia (A-M) Division, Purulia, Under Non-Plan Programme. Set as per Annexure-A among the manufactures / their Authorized Distributors / Authorized stockist and other reputed Resourceful suppliers in the Trade. No Quotation will be considered for a lesser quantity than that of specified. A short description of works, Token earnest money to be deposited and time for completion of supply etc. are given in Annexure-A below and details of item wise list & quantity are given in separate price-cum-delivery schedule.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of works</th>
<th>Quantity</th>
<th>Cost of Tender Documents (RS.)</th>
<th>Period of Completion</th>
<th>Place of delivery</th>
<th>Eligibility of Contractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Estimate for supply of Electronic Reflectorless Total Station TS 07 R5000 (5&quot;) in the district Purulia Under Purulia (A-M) Division, Purulia, Under Non-Plan Programme</td>
<td>As enclosed in price-cum-delivery schedule</td>
<td>For participating cost &amp; W.B.F. No. 2908 along with full set of other tender documents @ as per Govt. norms, (to be purchased if selected)</td>
<td>45 days</td>
<td>Sub-Divisional store under PURULIA-II (A.M) Sub-Divn.</td>
<td>Resourceful bona fide contractors having credential 40% in a single work order within last 3 (Three) years of similar nature works.</td>
</tr>
</tbody>
</table>

2. REQUEST FOR BID DOCUMENTS:-
Request for bid documents in the letter head should be submitted to the Executive Engineer (A.M) Purulia (Agri-Mech.) Division, Willcox Road, Belgum, Purulia upto 12.03.2020 at 12.00 P.M.
Request for sending bid documents by post shall not be entertained. The bid document is not transferable. At the time of application all the attested copies of valid documents related for participation to the said tender such as Trade License, PAN Card I.T. Return, Professional Tax Clearance Challan, Credential certificate and GSTIN certificate etc. are required.
In case of failure to submit any one of the above documents, the bidder shall not be entertained.

3. PURCHASE OF BID DOCUMENTS & PRICE SCHEDULE:-
The bid documents with W.B. F. No. 2908 for respective groups shall be made available for sale from the office of the Executive Engineer (A.M) Purulia (A.M) Division, Willcox Road, Belgum, Purulia on 12.03.2020 at 4.00 P.M. onwards on cash payment of Rs.255/- (Rupees two hundred Fifty Five) only (non refundable) per set for respective groups of each quotation.

4. SECURITY MONEY DEPOSIT:-
Successful lowest quotationers shall submit @ 10% (Ten percent) of the work order value as security of performance while executing formal agreement with the Executive Engineer (A.M), Purulia (A.M) Division, Purulia in the Form of Bank Draft / Bankers Cheque / Call Deposit on any Nationalized Bank approved by R.B.I. payable at Purulia/T.R. or R.B. challan in favour of the Executive Engineer (Agri-Mech.), Purulia (Agri.--Mech.) Division, Purulia.
Successful lowest Quotationer shall have to execute formal agreement in W.B.F. No. 2908 within 10 (ten) days from the date of issue of the acceptance cum Supply Order.
The offered / accepted rates will be valid for Six (6) months w.e.f the date of issue of work order.
Invitation of this Quotation shall under no circumstances create any right, legal, or otherwise in favour of the quotationer, in case of closing, withdrawn or cancellation before awarding the contract, nor shall the inviting authority be liable to explain the reason of such closure, withdrawal or cancellation of the Quotation.
Acceptance of the lowest Quotation is not obligatory and the undersigned has every right to accept or to reject any or all the Quotation without showing any reason what so ever.
5. **LANGUAGE OF QUOTATION:**
The Quotation shall be submitted in the prescribed form in English. All literature and correspondences in connection with the Quotation shall be in English.

6. **VALIDITY PERIOD OF QUOTATION:**
The Quotation shall be valid at least for 12 (Twelve) months from the date of opening of the Quotation.

7. **CONTRACT AWARD:**
The award of contract shall normally be made within 90 days from the date of opening of the Quotation. Work order will be issued as per actual requirement & as and when required. Therefore, order may vary from the actual quantity put to Quotation.

8. **SUBMISSION OF BID:**
Quotation must be properly filled in and submitted in sealed cover super scribing there on the left hand corner, the Quotation notice No. in bold letters and shall be deposited in the Quotation box allotted for this purpose.
Quotation will be received at the following offices up to 11.45 A.M. only 16.03.2020. The Quotation box shall be sealed exactly at 11.45 A.M. on the last of receiving quotation i.e. by the respective officer or his representative.

9. **Quotation receiving office :-**
Executive Engineer (A.M) Purulia (Agri-Mech.) Division, Willcox Road, Belguma, Purulia

10. **OPENING OF QUOTATION:**
The Quotations will be opened by the head of the office or by his authorized representative(s) at his office(s) mentioned in Clause – 9 of this notice at 12.30 P.M. on 16.03.2020 in presence of the bidders or the authorized representative(s) of bidders who choose to be present.

11. **DELIVERY**
Cent percent of the total quantity of each item order for are to be supplied with in stipulated time mentioned in supply orders. Failing to complete the supply in the above specified manner the ordered placed may be cancelled. Lesser quantity shall not be considered for payment bills.

12. **OTHERS**
This Quotation Notice along with the General and special terms & conditions to be downloaded with the documents including the addendum and corrigendum, if any, shall form part & parcel of the Tender.

13. **INVITING AUTHORITY**
Executive Engineer (A.M) Purulia (Agri-Mech.) Division, Willcox Road, Belguma, Purulia

[Signature]
Executive Engineer (Agri-Mech.)
Purulia (Agri-Mech.) Division
Purulia
27-2-2020
Copy forwarded for information and wide circulation through his office NOTICE BOARD.

2. The Superintending Engineer(AM), Midnapur(AM) Circle.
3. The Sabhadhipati, Purulia Zilla Parishad.
4. The District Magistrate, Purulia.
5. The Executive Engineer(AM)/(A.I)....Purulia... (AM)/(A.I) Divn.
6. The District Planning Officer, Purulia.
7. The District Information & Cultural Officer, Purulia.
8. The District Informatics Officer, Purulia, He is requested to publish the same in the District Website.
9. The Assistant Engineer(AM)/(AE)/(AI)....Purulia - I/II... (AM)/(AE)/(AI) Sub-Circle Division.
10. This Office Notice Board.
11. Estimating Section of this office.
12. Account section of this office.
GENERAL AND SPECIAL TERMS AND CONDITION

Notwithstanding anything in W.B. Form no. 2908 the following shall constitute General & special terms and conditions of contract and shall be binding on the quotations. In case of conflict between any clause of Quotation notice and General & special terms and conditions the latter shall prevail.

1. SUBMISSION OF QUOTATION
The quotation shall be placed in sealed envelope or parcel and clearly marked in capital letters in the upper left hand corner of the cover as follows:

Quotation Notice no.

If the cover is not sealed and marked as above no responsibility will be assumed for any misplacement of the Quotation or premature opening of the envelope or parcel.

Quotation with charge payable will not be accepted nor will any arrangement be made to collect quotation from any delivery other than specified in the quotation notice.

All quotations must arrive at the addresses indicated in quotation notice in clause 9 during office hours and up to 1:30 P.M. only on the date of receiving of quotation. Quotations arriving after the date and time specified in clause 9 will not be opened or considered.

A. Set of Quotation for Each Group
The Set of Quotation to be submitted shall consist of the following:

i) West Bengal Form No, 2908
ii) Quotation documents consisting of Page 1 to 5
a) Notice Inviting Quotation including Annexure- A
b) General & Special Terms and conditions
iii) Price Schedule
iv) Corrigenda / Addenda if any.

2. INSTRUCTIONS
a) The rate shall be quoted in figure & in words in specified places in WB Form No. 2908 and the schedule of rates (Price schedule).

b) All pages of the quotation documents shall be signed with rubber stamp at the bottom of the pages as token of acceptance of all terms and conditions.

c) The quotation documents shall be filled up in ink or typed without inter lination, alteration or modifications and shall contain all the required information.

d) all corrections / modifications if any during filling up shall be crossed with a single line and signed.

e) All the documents submitted with the tender shall be legible, serially numbered and attested by the competent authority

f) No pages shall be removed from the Quotation documents.

g) If the Quotation is made by an individual it shall be signed by the individual in his full name and current address over rubber stamp.

h) If the quotation is made by a proprietary firm, it shall be signed by the proprietor in his full name of his firm with its current address over rubber stamp. If the quotation is made by a firm in partnership, it shall be signed by all the partners of the firm in their full names and current addresses or by a partner holding the power of attorney for the firm for signing the quotation in which case a certified copy of the power of attorney / partnership deed shall accompany the quotation, all over the corresponding rubber stamp.

i) If the Quotation is made by a limited company or a limited corporation, it shall be signed by a duly authorized person holding the power of attorney for signing the tender in which case a certified copy of power of attorney shall accompany the Quotation. Such limited company or corporation may be required to furnish satisfactory evidence of its existence before the contract is awarded.

j) All witness and sureties shall be person of status and probity and their full names, occupations, addresses shall be stated below their signatures.

k) All signatures in the Quotation documents shall be dated.

l) Any quotation paper not duly completed is liable to be rejected.

m) Illegible signature / specimen signature in signing the Quotation papers by the Quotationer should at least be superimposed with full value of the signature on page at 2 & 3 for its proper identification.

n) The bidder are to produce the original certificate / document to the quotation inviting authority or quotation opening authorities for verification of the attested copies and after verification such authority shall be at liberty to return back the original certificates / documents to the bidders.

o) For testing of materials, if necessary an arrangement for the same should also have to be made by the supplier at his own risk & cost.

p) The successful Quotationer should communicate the Sub-Divisional Officer to confirm the quality / sample duly approved by the Sub-Divisional Officer before effecting the supply.

q) Security deposit will be refunded after expiry of guarantee period i.e. 6 (six) months after effecting supply.

3. Qualifying Criteria
The Quotationer shall have to furnish their credentials of similar types of supply at the time of application in the form of payment / completion certificate for any Govt. Department / Govt. undertaking / Semi Govt. organization and Corporations etc. Resourceful bonafide contractors having credentials 40 % in a single work order within last 3 (Three) years of similar nature works on the site.

The above norms are strictly binding and in no case relaxation of limit of financial capability of the quotationer will be allowed unless otherwise considered by the quotation. Inviting authority in very deserving cases.

4. **CONTRACT AWARD**

Award shall normally be made to the bidder who fulfills all the terms and conditions as well as meets the minimum qualifying standards of technical capability and financial resources stipulated in the tender and whose Quotation is determined to be the lowest evaluated responsive Quotation. At the time of evaluation the bidder may be asked for the original document if necessary.

A letter of acceptance shall be issued to the lowest evaluated responsive quotationer.

5. **Execution of Agreement**

The successful bidder shall execute agreement with the Executive Engineer (A.M) Purulia (A.M) Division within 10 (ten) days from the date of issue of acceptance letter. The agreement shall be made in duplicate in W.B. Form No. 2908 after purchasing a set of quotation documents from the office of the Executive Engineer (A.M) Purulia (A.M) Division on payment of stipulated charges in cash and

- Banker’s Cheque / Call Deposit / Pay Order on any scheduled Bank approved by Reserve Bank of India.

Failure to execute the agreement within stipulated time and prescribed manner shall result in cancellation of the offer of acceptance.

6. **The contractor who will be allowed to participate for any work as per their prayer must submit their Bid with requisite Earnest Money, otherwise the defaulter will be debarred from issuing any quotation for one year on the discretion of the Executive Engineer (A.M) Purulia (A.M) Division with effect from such date or failure from the part of the contractors. This should be noted carefully and decision of the Executive Engineer (A.M) Purulia (A.M) Division will be final.

7. If any defects is found after the completion of the work agency with bound to rectify it at his own cost within the period of guarantee / security. Otherwise department will rectify it with the help of other agency and it cost will be deducted from the security deposit.

8. All Quotation price shall be quoted for delivery up to final destination basis inclusive of every demand. All columns of price schedule both in figures and in word. Correction, if any may be made by crossing re-writing initiating with date. In case of conflict between figures and words, later shall prevail.

9. Quotation will get price preference as per G.O. no. 9600-F dated 4.10.91 on fulfilment of the conditions stipulated thereon.

The Quotation notice along with conditions of contract, technical specification, price schedule and other relevant papers including corrigenda, if any will be considered as the part and parcel of the contract. The Quotations are required to submit all the information's as asked for incomplete and ambiguous information are not acceptable by accepting authority.

Invitation of this Quotation shall under no circumstances create any right, legal or otherwise in favour of the Quotationer in case the quotation is closed, withdrawn or cancelled before awarding the contract, nor shall the inviting authority be liable to explain the reason for such closure, withdrawal or cancellation of the quotation.

The inviting authority reserves the right to reject any and or all the Quotations without assigning any reason and split up the work if necessary and to accept the tender in whole or part.

10. No arbitration will be entertained if the estimated amount upon quotation is below of Rs. 1 Core (Rupees one core) only.

11. No claim out of typing, printing, arithmetical and / or clerical mistakes anywhere in the quotation shall be entertained.

12. In case of confusion over any clause / terms / conditions of the quotation the decision of Superintendenting Engineer (A.M) Midnapore (A.M) Circle shall be final and binding.

13. No escalation of rates within the validity period of the tender shall be entertained under any circumstances.

14. **SUCCESSFUL QUOTATIONS**

Normally lowest evaluated formal quotations will be selected for awarding of contract. However the Quotation accepting authority reserves the rights to accept or reject any or all the quotations without assigning any reason what so ever and may distribute the work amongst the formal quotationer if considered necessary.

15. **PACKING AND TRANSPORT OF MATERIALS**

The supplier shall provide such packing of the goods as is required to prevent damaged or deterioration during transit to the final destination. No damaged materials shall be accepted. The rate quoted shall be inclusive of packing of transportation.

16. **PAYMENT**

Payment shall be made by the Executive Engineer (A.M) Purulia (A.M) Division after making necessary deduction towards the security performance as per terms and condition for preparing bill through ECS module from Purulia Treasury.

17. **GUARANTEE CERTIFICATE**

The successful Quotationer is to submit Guarantee certificate at the time of delivery. The guarantee shall be for a period of 6(six) months from the date of acceptance of the delivery of each materials by the consignee(s) of each item in normal case 6(six) months will be treated as security period.

The Quotationer shall remain responsible without cost to buyer for all defects in materials and workmanship which may developed in normal use & which have been called to the attention of the successful quotationer prior to the expiring of the guarantee period, it will be responsibility of the quotationer to take up matter for fulfillment of the guarantee of the provision. In case of failure on the part of Executive Engineer of this department Reserves the right to remedy the defects / replace the materials within the reasonable period (10 days) or in case of delay in the performance of the quotationer without further notice and the cost shall be deducted from his security deposit.

18. **Income Tax, GST & Service Tax, Labour welfare cess etc.** if any will be deducted from the progressive billings as per Govt. order.

19. Security deposit will be admissible for refund after 6 months from the date of satisfactory completion of works.

Executive Engineer (Agri-Mech) Purulia (Agri-Mech.) Division Purulia

[Signature]

27-2-2020

29-2-2020
GOVERNMENT OF WEST BENGAL
WATER RESOURCE INVESTIGATION & DEVELOPMENT DEPARTMENT

PROCUREMENT OF SERVICES FOR TOPOGRAPHICAL SURVEY OF PROPOSED WDS AND HAPPA IN PURULIA DISTRICT, PREPARATION OF DPRS OF SUB PROJECTS WITHIN THE PROJECT AREA UNDER NON PLAN PROGRAMME LOCAL COMPETITIVE BIDDING


Last Date of receiving application : 12.03.2020 up to 12.30 P.M.
Last Date of purchasing Bid documents : 13.03.2020 from 12.30 P.M.
Receiving date of Bid documents : 16.03.2020 up to 11.45 A.M.
Opening date of Quotation : 16.03.2020 at 12.30 P.M.

INVITED BY

Executive Engineer (Agri-Mech.)
Purulia (Agri-Mech.) Division
Willcox Road, Belguma, Purulia
PIN-723101, West Bengal
NOTICE INVITING QUOTATION FOR TOPOGRAPHICAL SURVEY
INCLUDING DIGITIZATION OF MOUZA MAPS & PREPARATION OF DPRS
UNDER SHOPPING PROCEDURES

NOTICE INVITING QUOTATION AGAINST N IQ No.: 04/2019-2020 FOR TOPOGRAPHICAL SURVEY OF PROPOSED WDS AND HAPPA PREPARATION OF DPRS OF WATER DETENTION STRUCTURE (WDS) AND HAPPA IN THE DISTRICT OF PURULIA DURING THE YEAR 2019-2020

1. You are invited to submit your most competitive quotation for the following works:

<table>
<thead>
<tr>
<th>Brief Description of the Works</th>
<th>Approximate value of Works (Rs.)</th>
<th>Period of Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Details Topographical Survey work for WDS and HAPPA in Purulia District including taking spot levels at 5 m grid interval and also taking permanent and semi permanent object, Drawing, submission through Auto CAD in Suitable scale, including taking cross section and Long Section at every 10 m of the proposed Minor Irrigation Structure and extend upto 60 m from all sides of the Embankment and as per the scope of work up to the satisfaction of Engineer in charge and/or his authorized representative present at site. Scheme details will be enclosed in the schedule</td>
<td>3,30,000.00 (Rupees three lakh thirty thousand only)</td>
<td>45 Days from the notice to proceed with work</td>
</tr>
</tbody>
</table>

3. To assist you in the preparation of your quotation, we are enclosing the following:
   i. Detailed Bill of Quantities, with estimated rates and prices;
   ii. Scope of Work;
   iii. Instructions to Bidders (in two sections);
   iv. Draft Contract Agreement format which will be used for finalizing the agreement for this Contract.

4. The complete set of tender documents will be issued on submission of written application. Request of tender documents by any other means shall not be entertained.

5. Last Date of receiving application for issuing of Tender documents: 12.03.2020 up to 12.30 Hours.

6. Last date of issue of Tender documents 13.03.2019 upto 12.30 Hours on submission of requisite documents.

7. You are requested to provide your offer latest by 11.45 hours on 16.03.2020

8. Quotations will be opened on 16.03.2020 at 12.30 Hours by the undersigned or his representative not below the rank of the Assistant Engineer in presence of the bidders who may like to present.

9. We look forward to receiving your quotations and thank you for your interest in this project.
Instructions to Bidders

SECTION - A

1. **Scope of Works**

The Executive Engineer (A-M), Purulia (A-M) Division, Purulia (Employer) invites quotations for the construction of works as detailed in the table given below:

<table>
<thead>
<tr>
<th>Brief Description of the Works</th>
<th>Approximate value of Works (Rs.)</th>
<th>Period of Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Details Topographical Survey work for WDS and HAPPA in Purulia District including taking spot levels at 5 m grid interval and also taking permanent and semi permanent object. Drawing, submission through Auto CAD in Suitable scale, including taking cross section and Long Section at every 10 m of the proposed Minor Irrigation Structure and extend upto 60 m from all sides of the Embankment and as per the scope of work up to the satisfaction of Engineer in charge and/or his authorized representative present at site. Scheme details will be enclosed in the schedule.</td>
<td>3,30,000.00 (Rupees three lakh thirty thousand only)</td>
<td>45 days from the notice to proceed with work</td>
</tr>
</tbody>
</table>

The successful bidder will be expected to complete the works by the intended completion date specified above.

2. **Qualification of the bidder**: The bidder shall provide qualification information which shall include:-

   (a) Total monetary value of survey works performed for each year of the last 3 years.

   (b) Report on his financial standing; and

   (c) Details of any litigation, current or during the last 3 years in which the bidder is involved, the party’s concerned and disputed amount in each case.

3. **To qualify for award of the contract the bidder**:-

   (a) Should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs 0.75 Lakhs (should be 100% of the estimated value) in the last three years

4. **Bid Price**

   a) The contract shall be for the whole works as described in the Bill of quantities, and scope of work. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.

c) Income Tax, GST & Service Tax, Labour welfare cess etc. if any will be deducted from the progressive bills as per Govt. order.

d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

e) The rates should be quoted in Indian Rupees only.

5. Submission of Quotations

5.1 The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation.

5.2 Each bidder shall submit only one quotation.

5.3 The quotation submitted by the bidder shall comprise the following :-

(a) Quotation in the format given in Section B.

(b) Signed Bill of Quantities; and

(c) Qualification information form given in Section B duly completed.

5.4 The bidder shall seal the quotation in an envelope addressed to the Executive Engineer(A-M), Purulia(A-M) Division, Purulia. The envelope will also bear the following identification :-


b. Do not open before 12.30 hours on 16.03.2020.
12.30 hours 16.03.2020 (time and date of quotation opening).

5.5 Quotations must be received in the office of the Executive Engineer(A-M), Purulia(A-M) Division, Purulia (Employer) not later than the time and date given in the letter of invitation. If the specified date is declared a holiday, quotations shall be received till the appointed time on the next working day.

5.6 Any quotation received by the Executive Engineer(A-M), Purulia(A-M) Division, Purulia(Employer) after the deadline for submission of quotations will be rejected and returned unopened to the bidder.
6. **Validity of Quotation**

Quotation shall remain valid for a period not less than 180 days after the deadline date specified for submission.

7. **Opening of Quotations**

Quotations will be opened in the presence of bidders or their representatives who choose to attend on the date and time and at the place specified in the letter of invitation.

8. **Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.**

9. **Evaluation of Quotations**

The Employer will evaluate and compare the quotations determined to be substantially responsive i.e., which

(a) Meet the qualification criteria specified in clause 3 above;

(b) Are properly signed; and

(c) Conform to the terms and conditions, specifications and procedures laid down in the scope of work without material deviations.

10. **Award of contract**

The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.

10.1 Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

10.2 The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.

10.3 The successful tenderer shall execute agreement with the Executive Engineer(A-M) Purulia(A-M) Division. Within stipulated days from date of issue of acceptance letter/work under from the Executive Engineer(A-M) Purulia(A-M) Division. The agreement shall be made in W.B Form No 2911(i)/(ii) after Purchasing of tender documents from office of the Executive Engineer(A-M) Purulia(A-M) Division as per tender rule Purulia(A-M) Division.
SECTION - B

3. Format for Qualification Information.


QUALIFICATION INFORMATION

1. For Individual Bidders

1.1 Principal place of business:

Power of attorney of signatory of Quotation.
[Attach copy]

1.2 Total value of Civil Engineering
Survey work performed in the last three years (in Rs. Lakhs)

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Name of Employer</th>
<th>Description of work</th>
<th>Contract No.</th>
<th>Value of contract (Rs. Lakhs)</th>
<th>Date of issue of work order</th>
<th>Stipulated period of completion</th>
<th>Actual date of completion</th>
<th>Remarks explaining reasons for delay and work completed</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

1.3 Work performed as prime contractor (in the same name) on works of a similar nature over the last three years.

Existing commitments and on-going works:

<table>
<thead>
<tr>
<th>Description of Work</th>
<th>Place &amp; State</th>
<th>Contract No. &amp; Date</th>
<th>Value of Contract (Rs. Lakhs)</th>
<th>Stipulated period of completion</th>
<th>Value of works remaining to be completed (Rs. Lakhs)</th>
<th>Anticipated date of completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
<td>(4)</td>
<td>(5)</td>
<td>(6)</td>
<td>(7)</td>
</tr>
</tbody>
</table>

* Enclose a certificate from Engineer concerned.
1.4 Proposed subcontracts and firms involved.

<table>
<thead>
<tr>
<th>Sections of the works</th>
<th>Value of Sub-contract</th>
<th>Sub-contractor (name &amp; address)</th>
<th>Experience in similar work</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
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</table>

1.5 Evidence of access to financial resources to meet the requirements of working capital: cash in hand, lines of credit, etc. List them below and attach copies of support documents.

1.6 Name, address, and telephone, telex, and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer.

1.7 Information on litigation history in which the Bidder is involved.

<table>
<thead>
<tr>
<th>Other party(ies)</th>
<th>Employer</th>
<th>Cause of dispute</th>
<th>Amount involved</th>
<th>Remarks showing present status</th>
</tr>
</thead>
</table>


QUOTATION

Description of the Works:

Topographical Survey work for proposed WDS and HAPPA in Purulia District including taking spot levels at 5 m grid interval and also taking permanent and semi permanent object. Drawing, submission through Auto CAD in Suitable scale, including taking cross section and Long Section at every 10 m of the proposed Minor Irrigation Structure and extend upto 60 m from all sides of the Embankment and as per the scope of work up to the satisfaction of Engineer in charge and/or his authorized representative present at site. Scheme details Will be enclosed in the schedule

To:

Subject: Topographical Survey

Reference: Letter No.............................................dated....................from...................

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at .......... percentage above / below the estimated rates, i.e., for a total Contract Price of -
Rs.**.................................................................. [ in figures ]
Rs. ....................................................................... [ in words ].

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

We hereby confirm that this quotation is valid for 60 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature: ............................................. Date: ______________

Name & Title of Signatory: 
Name of Bidder: 
Address: 

[Signature]
To be filled in by the Employer before issue of the Letter of Invitation.

To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.
Copy forwarded for information and wide circulation through his office NOTICE BOARD.
2. The Superintending Engineer(AM), Midnapur(AM) Circle.
3. The Sabhadhipati, Purulia Zilla Parishad.
4. The District Magistrate, Purulia.
5. The Executive Engineer(AM)/(A.I).................. (AM)/(A.I) Divn.
6. The District Planning Officer, Purulia.
7. The District Information & Cultural Officer, Purulia.
8. The District Informatics Officer, Purulia, He is requested to publish the same in the District Website.
9. The Assistant Engineer(AM)/(AE)/(A.I)........ Purulia........... (AM)/(AE)/(A.I) Sub Circle
10. This Office Notice Board.
11. Estimating Section of this office.
12. Account section of this office.

[Signature]
Executive Engineer( A-M )
Purulia (Agri-Mech) Division
PURULIA

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Scope of Work

1) Topographical Survey of the Project Area

The Topographical Survey of the project area shall be carried out as per the following specification.

- Walkover survey of Project area / Proposed Reservoir Area / Existing Irrigation Tank / Stream and finalize Area of Interest.
- It will be carried out after desk study data has been collated. The Data to be collected around the site & its vicinity in relation.
- Once these surveys are complete, the results should be formally presented in a report which brings together the details of:
  - Site topography;
  - Geology;
  - Existing similar type of water detention structure around the survey area
  - Present land use and probable command areas.
  - Expected construction risks; and
  - Proposed survey methods.
- Finalized the AOI to be done in consultation with Engineer-in-charge or with his/her representative.
- Established of Primary Control Pillar (15cm x 15cm x 100cm) and Auxiliary Control Pillar (15cm x 15cm x 100cm) every 200mtr. interval and for reservoir / tank. Auxiliary Control Pillar should be in every corner of the Project Area, with a safe distance so not disturb during the execution of the construction work of the project.
- Establishment of Plan metric Control Points: Base Station will be established on existing permanent structures within the command area by deploying DGPS. Observation shall be carried out for a minimum of 4 to 5 hours (observation in static mode and post processing) and the coordinates of primary control points shall be computed with respect to WGS-84 datum. In addition, in order to verify the accuracy of the coordinates, observations shall also be carried out with respect to SoI GTS stations or IGS Station and the coordinates shall be computed in terms of Everest Spheroid (Lat. & Long.). Thus there will be provision to have coordinates of each & every primary control point established both in terms of WGS-84 and Everest Spheroid datum.

Establishment of Bench mark in view of establishment of Height Control point, Height control will be established based on the nearest Survey of India GTS Bench Marks after carrying out stability checks between GTS Benchmarks and it will be ascertained that the closing error is within allowable limits. Double tertiary leveling to be used for establishing the elevations of the controlling bench marks in the project area for all subsequent leveling. Double Tertiary (DT) leveling will be carried out from GTS Bench Marks to the site and connected to the Permanent Bench Marks (PBM), established at site, with constructed standard permanent structures made with RCC or Hume pipes or at any convenient permanent structures. Double Tertiary (DT) level line will be routed along River/ Stream bunds and service roads to have least possible obstructions. DT leveling will be carried out by using Automatic Levels with high accuracy. Three wire readings will be taken and the mean of three readings will be in agreement with the center.
wire reading +/- 5mm. DT line route along with Primary Control Points and Auxiliary Control Point will be shown on the control survey report. Control Points will also be established by tie-lines and shown on the control point charts/index maps. On completion of the establishment of control points, Control Survey Report will be prepared giving the list of the control points with descriptions. In addition, control chart depicting the control points on a suitable scale along with salient features of the area will also be submitted.

- Detailed Topographic survey shall be started after the control survey report is accepted by the Engineer-in-charge or his/her representative.
- Strip survey and plotting: Based on the control points established using DGPS/Total Station and height control by automatic level, longitudinal and cross-section surveys would be carried out capturing data of all topographical features using appropriate codes. In addition, levels will also be taken at all definable points such as ridges, valleys, depressions, Reservoir, Irrigation Tank, Pond, River/Stream structures, etc., in order to bring out the true shape of the terrain. The survey should be carried out using latest survey techniques. Longitudinal and cross-section surveys using latest survey techniques. Development of Digital Terrain Model (DTM) of strip area. L-section and cross sections of River details of all existing structures with 20cm accuracy in elevation.
- Collection of Data for Longitudinal and Cross Sections of Reservoir / Irrigation Tank: Data for longitudinal section and cross section shall be captured in 5m interval. The levels for X section shall be taken not more than at an interval of 10m for Reservoir / Irrigation Tank, so as to have the levels of BL, bed width, beam, TBL, HFL, Embankment, Road and Ground Level as detailed in strip map table all sides 60m from Reservoir / Irrigation Tank Embankment and to the prospective command areas. In addition, levels and other parametric details shall also be taken at all the salient points, upstream and downstream sides of the structures to enable to generate complete drawing of the structure.
- Details Hydrographic study required at Reservoir / Irrigation Tank position, which will be finalized by Engineer-In charge or his/her representative after finishing the Walkover survey.
- Preparation of Contour map in 1m interval under AOI or Strip area including 25m by 25m grid value of the ground will be required at the period of submission of the drawing.
- Details land use plan also be prepared for project area and per supplied land use pattern by authority.
- Details topography study / Survey will be executed on project area / strip area (60m of all side from the embankment of the proposed Reservoir / Irrigation Tank)
- The survey work should include catchment area of the Water Detention structure/Irrigation Tank.

1) Digitization of Mouza Maps

The digitization and geo referencing of all mouza maps within the project area shall be carried out as per the following specification. The mouza maps shall be supplied by the Department.

- The base for geo reference will be Google Earth.
- The accuracy of geo referencing shall be +/- 2m or better.
• The Raster output should be in Geo TIFF and Imagine Image format as .shp, .kml and .dwg format.
• There will be two sets of data (Raster and Vector). One set will maintain GCS.WGS 1984 and another in UTM North 45 Zone, WGS 1984
• The attribute field shall carry the Plot Number, Area of Plot, Mouza Number and JL Number.
• There will be three layers viz a) Plot boundary b) Water body c) Embankment.

2) Preparation of Detailed Project Report of all sub projects within the project area

The Detailed Project Reports of all sub projects within the project area shall be prepared under the assistance and guidance of the Engineer-in-Charge as per the format attached in the Annexure-3 of the bid document. The design of the sub projects based on survey data shall be shared with the Agency by the Engineer-In-Charge.

Deliverables:
• Details Topographical Plan Drawing of Strip / Project area in Geo coordinate system imposed in MOUZA maps or without mouza maps in 1:4000 -4 hard copies & 1 soft copy.
• Long Section in 1:2000 in horizontal and 1:100 in vertical scale – 4 hard copies & 1 soft copy.
• X Section in 10m interval of strip area 1:2000 in horizontal and 1: 100 in vertical scale – 2 hard copies & 1 soft copy
• Contour map in 0.5 m interval including 25m grid map – 4 hard copies & 1 soft copy.
• DEM of Project area
• Landuse map of Project area – 4 hard copies & 1 soft copy
• GIS map of Project area – 4 hard copies & 1 soft copy
• Key map for all Reservoir / Irrigation Tank including Water Detention Structure, Spill Way, Inlet position, Command area, Administrative boundary, Mouza Boundary, Block Boundary, District Boundary including major connectivity road, Rail track, Station, Land mark or others important position – 4 hard copies & 1 soft copy
• Digitized and Geo referenced Mouza Maps of the Project Area in 1:4000- 4 hard copies & 1 soft copy.
• Detailed Project Reports of all sub projects within the project area as per the prescribed format- 4 hard copies & 1 soft copy
### Annexure I

#### BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of Work</th>
<th>Qty.</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
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<tbody>
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<td>Details Topographical Survey work for proposed WDS and HAPPA in Purulia District including taking spot levels at 5 m grid interval and also taking permanent and semi permanent object, Drawing, submission through Auto CAD in Suitable scale, including taking cross section and Long Section at every 10 m of the proposed Minor Irrigation Structure and extend upto 60 m from all sides of the Embankment and as per the scope of work up to the satisfaction of Engineer in charge and/or his authorized representative present at site. Scheme details will be enclosed in the schedule</td>
<td>60</td>
<td>PER WDS/ HAPPA</td>
<td>In figure (Rs.)</td>
<td>In Words</td>
</tr>
</tbody>
</table>

**Gross Total Cost : Rs.**

We agree to execute the works in accordance with the scope of work at .......... percentage above/below the estimated rates, i.e., for a total contract price of Rs. .........(amount in figures) (Rs. ........... amount in words).

Signature of Contractor with Seal