



Government of West Bengal
Irrigation & Waterways Directorate
Office of the Superintending Engineer, Eastern Circle
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Memo No. 2535

Dated :- 10/09/2018

ADDENDUM No. 1 and CORRIGENDUM No. 2 FOR e-N.I.T. NO. - WBIW/SE/EC/NIT-10(e)/2018-19

Tender ID : 2018_IWD_187876_1

Name of Work – "Dredging in River Muriganga in P.S. Kakdwip & Sagar, District South 24-Parganas."

Details of ADDENDUM No. 1 :

The following Addendum have been made in the Notice Inviting e-Tender No.-WBIW/SE/EC/NIT-10(e)/2018-19:

Minutes of the Pre-bid Meeting on the Dredging in the Muriganga River held on 05.09.2018 in the office chamber of the Superintending Engineer, Eastern Circle, Irrigation & Waterways Directorate at Jalasampad Bhawan, 8th floor at 14:30 hours.

A Pre-Bid meeting was organized on 05.09.2018 at 14:30 hours in the office Chamber of the Superintending Engineer, Eastern Circle, Irrigation & Waterways Directorate. Overall, seven organizations participated in the pre-bid meeting and personnel from Client were present in the meeting, details of which are given below.

List of organisations participated in the pre-bid meeting.

- i) Dredging Corporation of India, Vishakhapattanam - 530001
- ii) Dharti Dredging and Infrastructure Ltd, Hyderabad - 500016
- iii) BSP Hydro Dredging Works Pvt. Ltd, Bhimavaram - 537202
- iv) Dredging and Desiltation Co. Pvt. Ltd., Kolkata - 700001
- v) Gaja Engineering & United Dredging and Infrastructure Limited, Kakinada, AP
- vi) Heritage Infrastructures, Kolkata-700016
- vii) Adani Ports and SEZ Limited, Ahmedabad-382421

List of personnel representing client attended the meeting.

- viii) Shri Jayanta Das, Superintending Engineer, Eastern Circle, I&WD
- ix) Shri Debasish Sengupta, Joint Secretary, I&WD
- x) Mrs Mausami Chatterjee, Additional Chief Engineer, WAPCOS (Consultant)
- xi) Shri Kalyan Chakraborty, TLE, WAPCOS (Consultant)
- xii) Md Mukhlis Akhtar, Engineer, WAPCOS (Consultant)

Meeting started with self introduction, at the outset, Joint Secretary, I&WD explicitly illustrated the background of the Project, its importance and objective. He also explained in brief, the Project, including both Capital as well as Maintenance Dredging, phase-wise quantity and timelines. He, furthermore, discussed in detail, about dumping (shore & deep water pocket) and disposal of the dredged material, also he emphasized that the preparation of the dumping ground and disposal would be done by I&WD through separate contract.

Four(4) organizations namely, DCI, Dharti Dredging and Infrastructure Ltd, BSP Hydro Dredging Works Pvt. Ltd and Dredging and desiltation Pvt. Ltd. submitted the written queries for clarification and others have verbal queries, Since some of the queries are similar in nature it is decided not to give reply separately for each query. The queries have been grouped into three groups:- Financial/General queries & Technical queries.

Financial / General Queries :-

| Sl. No. | Question | Answer |
|---------|---|--|
| 1. | Submission of EMD by BG | Joint Secretary, I&WD clearly stated that this could not be accepted as per the extant rules and practices, |
| 2. (a) | Whether rate inclusive of all applicable taxes | Yes. |
| (b) | Regarding GST | While calculation, the rate as well as the total cost of dredging, GST has been considered as 12%. It is learnt from the bidders that for dredging, GST is considered as 18%. Since the change in GST may result in recalculation of the rate as well as the total cost of dredging and this whole exercise might take lot of time for approval from the competent authority, it is suggested that the extra cost might be consumed in the rate to be quoted. |
| © | Royalty and extra charges | No royalty or no extra charges and also the charge in rate of taxes will be paid. |
| 3. | Interest free Mobilisation advance | Cannot be allowed as per extant rules and prevailing norms. |
| 4. | Payment release on time | Joint Secretary, I&WD clearly stated that the present procedure of payment is changed from manual to online through the Treasury of Finance Department, Govt. of W.B. if the bill / invoice is submitted in time the payment may be available within a fortnight after due processing. |
| 5. | Invoice for first phase of Capital Dredging to be raised fortnightly. | Accepted. |
| 6. | Fuel escalation to be included | No Escalation in fuel price will be allowed, the probable increase in fuel cost ascertained by the contractor may be incorporated in the rate quoted by the contractor. |
| 7. | Idle time charged | No idle time charges will be paid. |
| 8. | Interest on delayed payment | No interest will be paid in this regard. |
| 9. | Settlement of dispute in case bidder is Govt / PSU organization. | No separate clause can be included for Govt / PSU as there are private organizations also participating. |
| 10. | ESI Registration | Those organization which have medical & insurance coverage for all the employees need not produce the certificate for ESI registration, however, Notarized letter is to be submitted in this regard. |
| 11. | PQC of similar nature of work | As stated in A. LIST OF WORKS (refer e-NIT) that the value of one dredging work will be 23.81 crore and for similar work it will be 28.57 crore executed within five financial years. |
| 12. | Who can be the constituent of the JV / Consortium | Refer page-6 (note) of e-NIT, where it is clearly mentioned "In case of a Consortium or Joint Venture, the maximum number of constituents shall be restricted up to 3 (Three), all should be bonafide Indian entities as stated above and each of the constituents must have at least 20% of tender value as their individual average of annual turnovers from business in any three financial years within the zone of last five financial years and also fulfilling other PQ criteria" |
| 13. | Site visit | Joint site visit has been fixed on 12th September 2018, Bidders are requested to present at site Lot-8 Jetty No. 4 at 12:30 P.M. to 1 P.M. |

Technical Queries :-

| | | |
|-----|---|--|
| 1. | Frequency of Hydrographic Survey to ascertain the depth achieved by Dredging. | Refer 2.6 (b) of TOR, One week interval is mentioned for hydrographic survey however contractor may reduce the interval as per their suitability. |
| 2. | Working Hours | Refer 8.0 of TOR minimum working hours for any dredger will be 10 hours, working hours more than 10 hours will be allowed, if required. For working in night hours proper arrangement for lighting & security are to be made by the Contractor |
| 3. | Age of dredger for capital dredging | Refer 8.0 of TOR |
| 4. | Age of dredger for Maintenance Dredging | Refer 8.0 of TOR |
| 5. | Methodology of Measurement | Refer 5.0 of TOR |
| 6. | Extra payment for exceeded quantity (Quantity as mentioned in TOR) | Primary response of the IWD on this query was not to allow any additional payment. However, considering the stringency due to simultaneous imposition of two conditions, i.e. (a) depth guaranteed dredging and (b) capping of dredging quantity, the Consultant (WAPCOS Ltd.) was requested to review the matter. As recommended by the Consultant, it has now been decided that for Capital Dredging (separately for both Phase I & II), maximum 5% variation on plus side in excess of the quantity mentioned in the BOQ and TOR will be considered for measurement and payment in case the BOQ/TOR quantity is exhausted during attaining the guaranteed depth (2.5m below Chart Datum). However, no extra payment will be made in case of Maintenance Dredging for maintaining the guaranteed depth of 2.5m below CD. |
| 7. | Dumping and Disposal | Refer 2.3 & 2.4 of TOR for modalities of dumping and disposal, due to non-availability of sufficient land to accommodate all the dredged material. A fraction of dredged material is dumped and disposed on the land(shore) available in between the jetties, while a significant portion of dredged material has to be dumped in deep water pockets. |
| 8. | Replacement of dredger | For capital dredging Phase-I replacement should be within 48 hrs. For Phase-II and maintenance dredging time allowed for replacement will be 21 days. |
| 9. | Survey Vessel | Survey vessel may be procured from the local market but it should be fitted with all modern Survey equipment and software as mentioned in TOR. |
| 10. | Providing Survey charts and Soil Report | Will be provided as per request from agency. |

Details of CORRIGENDUM No. 2 :

A) The following corrections have been made in the Notice Inviting e-Tender No.-WBIW/SE/EC/NIT-10(e)/2018-19 regarding "TERMS OF REFERENCE regarding Survey Vessel" and in "B.o.Q." which is detailed in the tabular form as shown below :-

| <u>IN PLACE OF</u> | <u>TO BE READ AS</u> |
|--|---|
| <u>"TERMS OF REFERENCE"</u> | |
| <p><u>Clause 'C' of 2.6:</u> The contractor shall provide a suitable steel hulled launch with equipment, spares & consumables including manning, fuel etc. for conduct of all surveys at his own cost. The launch should be certified by the authority to ply in the surveying areas round the year. The launch should be fitted with a hydrographic echo-sounder having frequency between 200 – 210 Khz, interfaced with heave sensors, DGPS and automated data collection software. Provisions for bar check/ calibration of the echo-sounder to be provided. The launch should have a toilet with other basic amenities for the Engineer's representatives.</p> <p><u>Clause '(iv)' of 3.0:</u> in 4th line"2nd January 2019"</p> | <p><u>Clause 'C' of 2.6:</u> The contractor may procure Survey Vessel from local market with equipments, spares & consumables including manning, fuel etc. for conduct of all surveys at his own cost. The launch should be certified by the authority to ply in the surveying areas round the year. The launch should be fitted with a hydrographic echo-sounder having frequency between 200 – 210 Khz, interfaced with heave sensors, DGPS and automated data collection software. Provisions for bar check/ calibration of the echo-sounder to be provided. The launch should have a toilet with other basic amenities for the Engineer's representatives.</p> <p><u>Clause '(iv)' of 3.0:</u> in 4th line"7th January 2019"</p> |
| <u>"B.o.Q. (Bill of Quantity)"</u> | |
| <p><u>Item No. 1 of B.o.Q.:</u> Capital Dredging is to be undertaken by Cutter Suction Dredger (CSD) in the designated channels, i.e, Channel 1, 2 & 3 as shown in the figure, in order to achieve the guaranteed depth of 2.5m below C.D. (Chart Datum which is 2.82m below the M.S.L.) throughout the Mela period irrespective of tides.The dredging period will be around 85 days. The Dumping of dredged material from Channel-1 will be done in a southern deep water pocket by suitable pipeline, 75% of dredged material from Channel-2 is to be dumped in northern deep water pocket and the rest 25% & the total dredged material from Channel-3 is to be dumped on shore as shown in figure in Annexure-4 (in drawing folder). The dredged material from the shallow patch near Kachuberia is also to be dumped in northern deep water pocket nearby.</p> | <p><u>Item No. 1 of B.o.Q.:</u> Capital Dredging is to be undertaken by Cutter Suction Dredger (CSD) in the designated channels, i.e, Channel 1, 2 & 3 as shown in the figure, in order to achieve the guaranteed depth of 2.5m below C.D. (Chart Datum which is 2.82m below the M.S.L.) throughout the Mela period irrespective of tides.The dredging period will be around 163 (43+120) days. The Dumping of dredged material from Channel-1 will be done in a southern deep water pocket by suitable pipeline, 75% of dredged material from Channel-2 is to be dumped in northern deep water pocket and the rest 25% & the total dredged material from Channel-3 is to be dumped on shore as shown in figure in Annexure-4 (in drawing folder). The dredged material from the shallow patch near Kachuberia is also to be dumped in northern deep water pocket nearby.</p> |
| <p><u>Item No. 2 of B.o.Q.:</u> Maintenance Dredging is to be undertaken during the mandatory Contract Period of 4 years(from last week of January 2019 upto 1st week of January 2023) by Cutter Suction Dredger (CSD).Maintenance dredging is to be carried out in the channel 1,2,3 as well as Patch-1 in order to maintain the depth of 2.5m below CD throughout the year.The Dumping of dredged material from Channel-1 will be done in a southern deep water pocket by suitable pipeline, 75% of dredged material from Channel-2 is to be dumped in northern deep water pocket and the rest 25% & the total dredged material from Channel-3 is to be dumped on shore as shown in figure in Annexure-4 (in drawing folder). The dredged material from the shallow patch near Kachuberia is also to be dumped in northern deep water pocket nearby.</p> | <p><u>Item No. 2 of B.o.Q.:</u> Maintenance Dredging is to be undertaken during the mandatory Contract Period of 4 years(1st February 2019 upto 7th January 2023) by Cutter Suction Dredger (CSD).Maintenance dredging is to be carried out in the channel 1,2,3 as well as Patch-1 in order to maintain the depth of 2.5m below CD throughout the year.The Dumping of dredged material from Channel-1 will be done in a southern deep water pocket by suitable pipeline, 75% of dredged material from Channel-2 is to be dumped in northern deep water pocket and the rest 25% & the total dredged material from Channel-3 is to be dumped on shore as shown in figure in Annexure-4 (in drawing folder). The dredged material from the shallow patch near Kachuberia is also to be dumped in northern deep water pocket nearby.</p> |

Item No. 3 of B.o.Q.:

Maintenance Dredging is to be undertaken during the Extended Contract Period of 3 years(from last week of January 2023 upto 1st week of January 2026) by Cutter Suction Dredger (CSD).Maintenance dredging is to be carried out in the channel 1,2,3 as well as Patch-1 in order to maintain the depth of 2.5m below CD throughout the year.The Dumping of dredged material from Channel-1 will be done in a southern deep water pocket by suitable pipeline, 75% of dredged material from Channel-2 is to be dumped in northern deep water pocket and the rest 25% & the total dredged material from Channel-3 is to be dumped on shore as shown in figure in Annexure-4 (in drawing folder). The dredged material from the shallow patch near Kachuberia is also to be dumped in northern deep water pocket nearby.

Item No. 3 of B.o.Q.:

Maintenance Dredging is to be undertaken during the Extended Contract Period of 3 years~~1st February 2023 upto 7th January 2026~~) by Cutter Suction Dredger (CSD).Maintenance dredging is to be carried out in the channel 1,2,3 as well as Patch-1 in order to maintain the depth of 2.5m below CD throughout the year.The Dumping of dredged material from Channel-1 will be done in a southern deep water pocket by suitable pipeline, 75% of dredged material from Channel-2 is to be dumped in northern deep water pocket and the rest 25% & the total dredged material from Channel-3 is to be dumped on shore as shown in figure in Annexure-4 (in drawing folder). The dredged material from the shallow patch near Kachuberia is also to be dumped in northern deep water pocket nearby.

Note: 1. The changes in the B.o.Q. (Bill of Quantity) are made following "A. List of Works" and "A-I. Timelines and Physical Milestone".

B)**"Special Conditions of Contract (SCC)"**

| <u>IN PLACE OF</u> | <u>TO BE READ AS</u> |
|---|--|
| <p>22.Contract Price.</p> <p>Total Contract price inclusive of all taxes, duties, cess, direct and indirect charges shall be Rs.-----Crore.</p> <p>However it is mentioned here that if the contract is not extended beyond the mandatory period (i.e., Capital dredging in the first year, followed by maintenance dredging for 4 years), the contract price would be reduced to Rs.-----Crore.</p> <p>There shall be not be any variation of contract price, during the pendency of the total contract period of 8years, including the extended contract period of 3 years due to increase of rates of tax, duties, cess, direct and indirect charges and no claim on account of escalation of cost shall be entertained.</p> | <p>22.Contract Price.</p> <p>Total Contract price inclusive of all taxes, duties, cess, direct and indirect charges shall be Rs.-----Crore.</p> <p>However it is mentioned here that if the contract is not extended beyond the mandatory period (i.e., Capital dredging in the first year, followed by maintenance dredging for 4 years), the contract price would be reduced to Rs.-----Crore.</p> <p>There shall be not be any variation of contract price, during the pendency of the total contract period of 8years, including the extended contract period of 3 years due to increase of rates of tax, duties, cess, direct and indirect charges and no claim on account of escalation of cost shall be entertained. Quantitative variation that may affect the Contract Price will be allowed (if required for achieving the guaranteed depth of dredging) only in case of Capital Dredging (both Phase I & Phase II, separately), limited to 5% of the apportioned BOQ/TOR quantity. The Contract Price in such a case will stand modified accordingly.</p> |

C) Pre-bid meeting: 2nd Pre-bid meeting will be held on 11th September, 2018 at 14.30 hours at the office Chamber of the Superintending Engineer, Eastern Circle, Irrigation & Waterways Directorate, Jalasampad Bhawan, 8th floor.

Note: 2. All other terms and conditions will remain unchanged.


Superintending Engineer
Eastern Circle

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