

Minutes of Pre-Bid Meeting

Subject	Selection, Design, Manufacture, Packaging, Forwarding, Assembling, Installation, Testing, Commissioning, Trial Running and Operation and Maintenance of "Cutter Suction Dredge (CSD).
Bid Reference	This office e-NIT No. 03 of 2017-18 dated: 29.01.2018 issued under No.MCO/T/6216-36 dated: 29.01.2018.
Date and Time of Pre-Bid Meeting	17 th March 2018 at 11:00 Hrs
Venue of Pre-Bid Meeting	Office Chambers of Chief Engineer Kashmir, I&FC Department, Rajbagh Srinagar, J&K

The following officers of the Irrigation and Flood Control Department, Kashmir were Present in the Pre-Bid Meeting:

Sr No	Name	Designation
01	Er MM Shahnawaz	Chief Engineer, Kashmir, I&FC Department.
02	Er Mir Aafaq Showkat	Superintending Engineer, Mechanical Circle, I&FC Department, Srinagar.
03	Mr Ali Mohammad Sofi	Chief Accounts Officer, I&FC Department Kashmir.
04	Er Bashir Ahmed Kuchay	Technical Officer to Chief Engineer, Kashmir, I&FC Department Srinagar.

The following Bidders Representatives attended the Pre-Bid Meeting:

Sr No	Name of Prospective Bidder/Firm	Representative
01	M/S ITALDRAGHE Italy, Dredging and Pumping Solutions.	Er Farooq Ahmed Wani Mr Praveen Malhotra
02	M/S Ellicott Dredges LLC USA.	Er Aijaz Rasool
03	M/S Dredge Yard Shipping and Mining Equipment, Netherland.	Mr Zahoor Ahmed Khan
04	M/S Cleantech Infra Pvt Ltd New Delhi.	Mr Nitin Modi
05	M/S Reach Dredging Limited Kolkata	

In addition to the above participants, M/S Royal IHC Netherland submitted their queries in writing, through e-mail.

The proceedings of the meeting are as under:

1. At the outset, Superintending Engineer, Mechanical Circle, I&FC Department, Srinagar made a briefing about the scope of the subject work and the purpose of the Pre-Bid meeting.

2. Thereafter the prospective bidders were requested to put their queries related to scope, terms and conditions, technical specifications of the tender document.
3. The queries from prospective bidders were appropriately responded.
4. The responses/clarifications to queries sought by the prospective bidders in writing and those asked during the meeting have been compiled as Annexure "A" appended with these minutes.

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**Er. Nazir Ahmed Bhat
Executive Engineer,
Flood Mechanical Division,
Baramulla.**

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**Er Bashir Ahmed Kuchay
Technical Officer to Chief Engineer,
Kashmir, I&FC Department Srinagar.**

-sd-

**Er. Mir Afaq Showkat
Superintending Engineer,
Mechanical Circle I&FC Department,
Srinagar.**

-sd-

**Mr Ali Mohammad Sofi
Chief Accounts Officer, I&FC
Department Kashmir.**

-sd-

**Er MM Shahnawaz
Chief Engineer, Kashmir, I&FC Department**

ANNEXURE “A”

Clarifications with regard to queries/suggestions received for Bid Document for Selection, Design, Manufacture, Packaging, Forwarding, Assembling, Installation, Testing, Commissioning, Trial Running and Operation and Maintenance of “Cutter Suction Dredge (CSD)”
(e-NIT No. 03 of 2017-18 dated: 29.01.2018 issued under No.MCO/T/6216-36 dated: 29.01.2018)

A. GENERAL TERMS AND CONDITIONS

Sr. No	Para/Clause under reference as per tender document	Description of Para/Clause under Reference as per Tender Document	Query/Suggestions	Response/Clarification
01	Clause vi of Eligibility and Qualification, General Terms and Conditions	The tenderer should also enclose a Performance Statement duly issued & authenticated from respective quarters/ departments/ corporations /private sectors as the case may be of at least for five similar jobs of cutter suction dredge executed with at least two jobs executed in India in last Ten years , giving details of orders received and executed supported with Supply orders/Certificates/ Performance Certificates with client / customer details.	<p>1. M/S Dredge Yard: Supplying of at least two dredgers in India – As mentioned before we are intending to enter into the Indian market through this project. If required we can provide performance certificate from our clients. Our website also provides more information on the projects undertaken by our company.</p> <p>2. M/S Reach Dredging: The tenderer should also enclose a performance statement duly issued and authenticated from respective quarters / departments / corporations / private sectors as the case may be of at least for five similar jobs of cutter suction dredge executed with at least two jobs executed in India in last ten years (Ref. Page 10). As it is a global tender, our request at two jobs executed in India to be removed.</p>	<p>Shall read as, “ at least for five similar jobs of cutter suction dredge executed in last ten years”</p> <p>Note: The department is at liberty to inspect and check the performance of dredges supplied and commissioned by the intending bidder and charges what so ever on this account shall have to be borne by the intending bidder.</p>

02	Clause iv, v, vi, vii, viii, ix, xi, xii, xiii of Submission of Tenders, General Terms and Conditions	<p>iv. Scanned copy of Registration Certificate of the Trade of Original equipment manufacturer.</p> <p>v. Scanned copy of authorization certificate from Original equipment manufacturer as applicable.</p> <p>vi. Scanned copy of Annual Report (Profit& Lost Statement) with Annual Turnover Statement.</p> <p>vii. Scanned copy of Company / manufacturers capability of personal, infrastructure and manufacturing facilities.</p> <p>viii. Scanned copy of Experience Certificate / Performance Statements.</p> <p>ix. Scanned copy of Legal Affidavit as per pre-qualifications.</p> <p>x. Scanned copy of Tax Certificate with TIN/GST as applicable.</p> <p>xi. Scanned copy of Sales Tax Clearance Certificates of the latest quarter, from the respective organization as applicable.</p> <p>xii. Scanned copy of PAN Card as applicable.</p>	M/S ITALDRAGHE: We don't understand the points of the relevant clause.	It is to clarify that while submission of the tender electronically, these documents are to be scanned and uploaded online.
03	Clause i and ii of Eligibility and Qualification, General Terms and Conditions	<p>i. Should be Original Equipment Manufacturer/Authorized Dealer of OEM / Joint Venture Consortiums having sufficient and relevant experience of the subject work and have supplied and maintained such equipment globally/ in India and possess satisfactory performance and excellent track record.</p> <p>ii. The tenderer shall mention and submit that the principal manufacturer of the equipment proposed /selected is registered for manufacturing of dredge and relevant documents or certificates confirming the same which should be enclosed with the Technical cover.</p>	M/S ITALDRAGHE: Can we give the information in a form of self declaration.	It is to clarify that the relevant experience and performance certificate shall be issued by the owner/end user of the equipment. With respect to the registration for manufacturing of the equipment, the same shall be issued by the local competent authority/Government of the country/state of origin.
04	Clause iii of Eligibility and Qualification, General Terms and Conditions	The Indian Agents in case of import equipment should ensure supply, after sales service and availability of spares directly on behalf of the principal supplier/ manufacturer/ OEM for at least 10 years from the date of supply of equipment as and when required.	M/S ITALDRAGHE:- Is this a declaration to be issued by local dealer.	It is to clarify that this declaration is to be issued by the Original Equipment Manufacturer.
05	Clause viii of Eligibility	The tenderer/s shall also have to submit in the shape of	M/S ITALDRAGHE: Can we issue a	It is to clarify that it is clearly stipulated in the clause

	and Qualification, General Terms and Conditions	<p>legal affidavit that the tenderer:-</p> <ol style="list-style-type: none"> Has not been declared bankrupt by any institution or Government. Has not been black listed by the Government or any other organization for failure to any dues. Has not been adjudged by any court of law of the land as insolvent or was/were not facing any/ under any arbitration proceedings in any court of law for any offence involving moral turpitude or any criminal activities etc. Was and is not detained under any provisions of preventive law of the land. 	declaration, in which we attest, what is required in this article.	that the information is to be submitted in the form of a legal affidavit duly notarised in the court of state of origin.
06	Clause 4 Earnest Money of General Terms and Conditions	<p>The tenders shall be accompanied with an earnest money for an amount of INR 35.00 lacs (Indian Rupees Thirty five lacs) only, in the shape of CDR /FDR/BG, from a scheduled Bank having its branch in Kashmir, pledged to the Chief Accounts Officer, Kashmir I&FC Department Kashmir Srinagar, valid for a period of 24 months from the date of opening of tenders (Cover 1st).</p>	<p>M/S Cleantech:- Why should the earnest money have validity of 24 months when the tender validity is only 180 days? Normally the EMD validity Is for 45 days after tender validity i.e. in this case 225 days from date of submission.</p> <p>Thereafter, the selected bidder will in any case be giving performance security with validity till end of warranty period of equipment and the EMD will be refunded. Hence, the EMD need not be valid for 24 months.</p> <p>M/S ITALDRAGHE:- Kindly confirm the NIT and N.I.T mean the same thing (i.e. notice inviting tender).</p> <p>Is it correct if we understand that the Earnest money deposit (bank guarantee) for IRN 35.00 lacs should be valid until 24/03/2020.</p> <p>M/S ITALDRAGHE:- Please advise in which envelope the original EMD and Draft of INR 20000/= is to be placed.</p>	<p>It is to clarify that the Department treats the earnest money of the successful bidder as additional performance security; hence the validity of earnest money is stipulated as 24 months from the date of opening of cover 1st. Further NIT and N.I.T mean the same thing.</p> <p>It is to clarify that the hard copies in original of both the DD and EMD shall be in separate envelopes are to be submitted in the office of Chief Engineer, Kashmir, I&FC Department, Srinagar before the last date of submission and the scanned copies of DD and EMD shall also be uploaded electronically, while submitting the tenders online.</p>
07	Clause C Operation & Maintenance Contract of General Terms and Conditions	<p>I. The scope of work for Operation and Maintenance Contract shall cope for Operation, Maintenance and Upkeep of Suction Cutter Dredge and its allied auxiliaries/items for Preventive, Periodical, Routine</p>	<p>M/S ITALDRAGHE:- With reference to page 2 of section 1 of the tender notice, letter C, In this case our O&M partner will be a local one. Please</p>	<p>The clause of the tender document is self explanatory. However it is further clarified that in case of import stores, the OEM shall have to ensure technical support to the local representative and the</p>

		<p>and Major Maintenance and Running Repairs of Suction Cutter Dredge in Single/Two Shifts as and when required / as Guaranteed by the Guidelines under the provisions of Maintenance and Repair Schedules as guided by the Manufacturer's recommendations and schedules for a period of two (2) years extendable up to another three years shall have to be executed/ taken up by the bidder. This includes normal routine check and cleanliness of the machine, consumables and miscellaneous items including day to day maintenance i.e greasing, dhotei cloth, palmative packing, washing & cleaning etc, so as to keep the dredger ready and fit for operation on daily basis. However, energy fuel HSD for operation and POLs required for periodical / preventive maintenance as per the manufacture's maintenance schedule and the spares for major and routine maintenance of the dredger shall be arranged by the Department. The scope of the work shall have to be followed strictly in accordance to the prevalent norms and schedules amended from time to time in cognizance with the manufacturer's guidelines and maintenance schedules. In addition to above, the scope shall also include daily check/inspection of the machine/s or a part/fitment after every start/stop of the operations of the dredger by your technical staff and the mechanized logistic support what so ever needed shall be the sole responsibility of the contract agency to be maintained and managed independently at the site/s of operations of the machine/s. The scope of the work shall not be confined/restricted to inspection and check only but shall be extended to replacement of fast moving items/parts to be provided by the Department, prone to high rate of wear or to be replaced periodically as per standard schedule and guidelines or which are beyond economical repairs or which cannot be deemed economically & technically viable to be repaired or which need to be replaced or recapitalized after completion of the desired life period in accordance with manufactures schedules and guidelines even if the items/parts are in the state of economical running conditions or deemed to be replaced/repared before</p>	<p>advise how do we accommodate his costing in our costing and please confirm if there will be separate orders for supply of dredgers (without any obligation to each other) and for O&M each. And what will be the payment mode for O&M.</p>	<p>OEM shall be legally bound for performance and warranty/guarantee of the equipment.</p>
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08	Clause 23 Penalty of General Terms and Conditions	<p>In the event of failing, defaulting, neglecting or delaying completion of work or in the event of any default or the failure of contractor/ firm in complying with the contractual obligations the department shall be liable to:</p> <p>i. Terminate the contract.</p> <p>ii. Recover the amount of loss caused by the damage/ failure and/or</p> <p>iii. Impose penalty up to the extent of 10% of the value of allotment order and /or</p> <p>iv. Recover the extra cost if any involved in getting the work done through some other agency and/ or</p> <p>v. Forfeit the earnest money.</p>	M/S Reach Dredgers:- Our request impose penalty up to 10% of the value of non-dredge volume.	It is to clarify that the subject tender is for supply, testing, commissioning and trial running and O&M of the equipment, therefore the penalty will be as stipulated in the document i.e. upto 10% of the Allotment Order.
09	Clause 31 Testing and Commissioning of General Terms and	The contractor/supplier shall have to conduct test & commissioning and trial runs of the equipment at consignee’s site and charges whatsoever shall incur on account of men, material, lubricants, HSD etc shall have	M/S Reach Dredgers: Fuel mentioned HSD. Please clarify whether it will be HSD/LDO. M/S ITALDRAGHE:- How many hours	It is to clarify that the fuel shall be HSD. Regarding the trial running period is it shall be min 150 operational hours during which the contractor has to

	Conditions	to be arranged by the contractor.	the running test to be carried out? It is important to know because the cost of consumables and man power needs to be calculated.	satisfy the department for satisfactory performance of the dredge.
10	-	Other Queries	M/S ITALDRAGHE:- Please confirm whether the Department will provide their IEC (Import Export Certificate). Please confirm the size of road tunnels.	It is to clarify that the size of road tunnels and Highways etc shall be ascertained by the OEM itself so as decide its size of packages. Further the department does not possess any Import Export certificate.

B SPECIAL CONDITIONS OF CONTRACT:

Sr No	Para/Clause under reference as per tender document	Description of Para/Clause under Reference as per Tender Document	Query/Suggestions	Response/Clarification.
01	Clause 11.1 Award of O&M Contract, Special Conditions of Contract	Award of O&M Contract: The Operation and Maintenance Contract to the successful tenderer shall be awarded initially for period of two years extendable upto another three years on the basis of his performance and mutual consent between the two parties, shall be made in favour of: a) Bidder (in case of local bidder) b) Authorized local or country representative (in case of foreign bidder)	M/S Ellicott Dredges USA:- Section III special conditions of contract, Point 11.1 Award of O&M contract, item “b”; It is our understanding that, in case of foreign bidders, the bidder will fill in the values for the O&M contract in the BOQ document on behalf of its local representative. Then, once awarded, the contract for O&M will be signed between the Department and the local representative, based on the values in the BOQ document. The equipment manufacturer will then have no role or legal responsibility over the O&M contract. Please confirm.	It is to clarify that the OEM shall have to ensure technical support to the local representative and the OEM shall be legally bound for performance and warranty/guarantee of the equipment and execution of the O&M contract by his nominated and authorized local/ country representative.
02	Clause 11.2 to 11.22 Handing Over of Cutter Suction Dredge to Penalty for Default, Special Conditions of Contract		M/S Ellicott Dredges USA:- Section III special conditions of contract, point 11.2 through 11.22; As per our previous question, it is our understanding that in the case of foreign bidders, “the contractor” referred to in points 11.2 through	It is to clarify that the clauses are relevant to the O&M portion of the contract.

			11.22 is actually the local representative. Please confirm	
03	Clause 11.7 Handling of delivery pipes, Special Conditions of Contract	The skilled operational staff for the dredge along with highly skilled mechanic shall be on the establishment of the contractor, however the man force required for carrying /handling of dredge delivery pipes shall be provided by the department.	M/S Cleantec:- Proper working of the dredge is a coordinated effort between the dredge operators and the pipeline team. If the operators are provided by the contractor but the pipeline team is not employed and controlled by him there will be scope for miscommunication, shifting of responsibility and passing the buck at times when results are not being met. M/S Reach Dredgers:- Handling of pipes. Man force required for handling of pipes supplied by Department. Please clarify if the production hampers, who will be responsible.	Shall read as, "handling and maintenance of the dredge delivery pipes shall be within the scope of the O&M contract".
04	Clause 5 Performance Security, Special Conditions of Contract	A Performance Security deposit equivalent to 5% of contract value in a prescribed format valid up to 90 days beyond warranty period has to be furnished by the successful supplier in the form of irrevocable Bank Guarantee from a Scheduled Nationalized Bank in J&K state acceptable to department within 30 days of issue of allotment Order, for due performance of the aforesaid contract equipment. The Performance Security Deposit will not carry any interest whatsoever in any circumstances for the period mentioned and shall apply to the following: i. Satisfactory performance of equipment/s on load at site in conformity to the regional, hydraulic and technical parameters of the N.I.T. ii. To undertake to refund on demand whatever amount that may become refundable to government in respect of said contract on account of payment of material/spares/supplied equipment not being in accordance with the specification as laid down in the contract. iii. To replace (free of cost including transportation and insurance expenses to the department up to destination) supply as a whole or part of supply which under normal use may prove defective in	M/S Ellicott Dredges:- Section III special conditions of contract, point 5, performance security: As per our previous question, it is our understanding that the 5% performance security will only apply to the performance of the dredge supply contract and not to the performance of the O&M contact. Please confirm. M/S Cleantec:- Please amend to read Scheduled Bank instead of Scheduled Nationalised Bank In the EMD clause on page 9 it reads Scheduled Bank and to ensure consistency the performance guarantee should also read Scheduled Bank. M/S Italdraghe:- A bank guarantee for the 10% shall be issued with a validity of 3 months beyond warranty period and a 5% of the Goods a total 15% in form of bank guarantees	It is to clarify that the 5% Performance security will apply to the supply as well as installation, testing, commissioning and trial running of cutter suction dredge. The clauses for submission of 5% and 10% bank Guarantee, of the NIT are self-explanatory. The set format for the commercial offer is already uploaded in the e-NIT.

		<p>material or workmanship resulting in reduction of normal life span/ efficiency of spares or equipment as guaranteed by manufacturer and not conforming to relevant specification, immediately. The above provision shall also apply to material replaced by the contractor under this clause in case the same is again found defective.</p> <p>v. Department shall make the claims, if any, from performance security deposit in cases of the default or noncompliance but not delimited to the following.</p> <p>a) In the event of any default on the part of the supplier to comply with any of the terms of this contract/ supply, the department is and shall be entitled to issue a notice/s to the supplier. The supplier is required to comply with the actions/penalties imposed upon the supplier and the decision of the department in respect of such damages, losses, costs, charges or expenses or otherwise whatsoever shall be final and binding on the supplier/s after proper assessment.</p> <p>b) In the event of Performance Security Deposit being found insufficient or if the Security Deposit has been wholly forfeited, the balance of the total sum recoverable as the case may be shall be deducted from any sum due to the supplier or which at anytime thereafter may become due to supplier. In case of foreign or import items/ equipment the international treaty or the bi-lateral treaty between the two nations (India on one hand as one party and other as the country of origin of import as the other party) shall be in force, in case of any default.</p>	<p>must already be issued and remain valid for further 90 days beyond the warranty period?</p>	
05	<p>Clause 6 Inspection and Test Certification, Special Conditions of Contract</p>	<p>i. The contractor has to submit the individual Original Equipment Manufacture's (OEM) test certificates of main machinery components fitted on the principal machine /dredge not necessarily being produced/ manufactured by the principal supplier/ manufacturer.</p> <p>ii. The machine shall be got done inspected at work place/site of installation by third party inspection agency either of the country of origin or otherwise</p>	<p>M/S Cleantec:- For major bought out components like Engines, Hydraulics, Pump etc. the component manufacturers do not provide test certificates to the dredge OEMs. These companies offer standard warranty through the dredge OEMs for their components fitted on the dredge but individual test certificates</p>	<p>It is to clarify that the requisite test certificates are to be furnished, by the contractor.</p>

		<p>like ABS/ Lloyds/ IRS by the firm. The choice of selection and nomination of which shall be the sole discretion of the department. The charges which shall be incurred on account of agency fee shall have to be paid by the contractor/ supplier, which shall be reimbursed by the department against the production of documentary proof / evidence.</p> <p>iii. The department shall reserves the right to get the equipment inspected by third party at site of launch and operation in Kashmir after it is put to operation.</p>	would not be made available by them. Hence, you are requested to drop this Requirement	
06	Clause 4 Warranty, Special Conditions of Contract	<p>The contractor must confirm that the equipment supplied as a whole will remain under warranty for a period of 24 months or 5,000 working hours whichever is earlier from the date of successful testing, commissioning and trial running period of one month, the date of which is to be reckoned and decided by the consignee after successful testing commissioning and trial running of 01 month of the equipment, to meet the specification in all material respects and will be free from manufacturing defects in in its material ,workmanship, quality and the specifications of the product set forth in the purchase order. If there is any item with no description /specifications in the purchase order, the bidder shall have to ensure the quality /specifications as per national/international standards applicable. During such period the supplier shall promptly repair/replace the case may be at its expenses any defective item/ equipment within a shortest possible time not more than 30 days.</p>	M/S Reach Dredgers:- Please clarify will it be 12 months or 2500 Hrs.	It is to clarify that the warranty period shall be as stipulated in the tender document.

C TECHNICAL SPECIFICATIONS

Sr No	Para/Clause under reference as per tender document	Description of Para/Clause under Reference as per Tender Document	Query/Suggestions	Response /Clarifications.
01	Clause 8 Characteristic Performance Curves of Technical Specifications.	The individual performance/production curves of dredge pump selected as per following details shall have to be furnished with technical bidding documents cover 1 st i. Head and discharge curve of clear water. ii. Production curve of fine sand of 0.1 mm size. iii. Production curve of medium sand of 0.3 mm size. iv. Production curve of coarse sand of 1.00 mm size. v. Production curve of coarse sand and gravel.	M/S Reach Dredgers:- Page 22 point 8 only water discharge curve can produce.	It is to clarify that the OEM shall have to submit all the characteristic curves with regard to different slurry densities as mentioned in the NIT.
02	Clause 9 Ladder and Ladder Hoist of Technical Specifications.	The dredger shall be provided with heavy duty dredging ladder fabricated out of structural steel with suction pipe of suitable thickness not less than 10 mm mounted preferably externally and suitable for dredging up to depth of not less than 8 mts from free surface of water, statically manoeuvrable both up and down by means of two way hydraulic power cylinder ram and configurations and secured by fulcrum pins and anchor ropes as the case may be or as per manufacturer's patent design.	M/S Reach Dredgers:- Thickness of ladder depends on design. Please clarify if manufacturer give guarantee then nothing will change from OEM. M/S ITALDRAGHE:- For up-down movement of the ladder a system by hydraulic jacks has been considered. Otherwise the standard manufacturer design system will be considered valid. Please note that we usually consider a system with a derrick and winch.	It is to clarify that the ladder and the ladder hoist shall be as per OEM'S proven design. However the thickness of suction pipes shall not be less than 10mm, irrespective of the design of the OEM.
03	Clause 10 Spuds and Spud Hoists of Technical Specifications.	The dredger shall be provided with two no. of anchoring tubular/ as per design spuds on the aft with hydraulically powered double acting power cylinder ram configurations or as per manufacturer's patent design. The spuds will be constructed from high grade structural steel of heavy wall thickness.	M/S Cleantec:- Please amend to make this clause optional as self propelled dredges need not have spuds because the propulsion wheels serve a dual purpose of driving the dredge forward and providing stability Should be as per manufacturer patent design. M/S ITALDRAGHE:- Hydraulic 2-way spud lifting pistons are required. In the dredging sector such pistons are 1-way.	It is to clarify that the dredge shall be provided with spuds and spud hoists as per the NIT requirement.
04	Clause 11 Swing Winches of Technical Specifications.	The dredger shall be fitted with two way Reversible independent hydraulically driven swing winches of suitable capacity sheaved drum/pulleys and galvanized steel rope of suitable diameter not less than 16 mm and	M/S Cleantec:- Please amend to make this clause optional as self propelled dredges do not need swing winches as the dredge can itself maneuver and	It is to clarify that the winch system is necessarily to be provided with the dredge and shall be strictly as per NIT requirement. The specification and size of the winch rope shall be as

		length not less than 150 meters and capacity to meet the span of the river bank to bank. The Swing winch hydraulic driven motors shall be totally enclosed planetary gearing type or as per the design and selection of the manufacturer's patent design.	drive into the material which results in higher output and greater daily forward advancement Should be as per manufacturer patent design. M/S Reach Dredgers:- Steel Rope – Steel Core non galvanized 6 x 36 construction, length maximum 120mtr. Because drum Diameter and gap between drum bottom and base are not permit to fit more than 120mtr length of 16mm/18mm rope, if more rope require the it can add with existing rope as per site situation.	per the NIT requirement.
05	Clause 12 Excavator Cutter Head of Technical Specifications.	The excavator Cutter head with requisite and designed cutter diameter, cutter speed, cutting force/ power preferably made up of Ni-hard/ carbide tipped teeth suitable for dredging of underwater abrasive material as sand, silt clay, peat and gravel size up to 10mm. The system should be safeguarded with pressure relief valve that will automatically shut the cutter head down to prevent to damage the dredge during abnormal loading.	M/S Reach Dredgers:- There is no excavator cutter head. Dredger cutter material is high manganese steel for work hardening purpose and easily available the material, No hard material availability is not easy in everywhere, carbide tip not require because it is brittle, not made wide width so can't cut less than high manganese teeth. M/S Cleantec:- Please add that after every revolution of the cutter head there should be a self-cleaning mechanism to remove debris. In Indian dredging operations there is a lot of solid waste in the rivers and clogging of the cutter head and pump results in lot of down time to remove clogged material. Hence, the self cleaning mechanism is very important in Indian conditions. M/S ITALDRAGHE:- Ni-Hard Cutter is required. Our cutters are made in impact high resistance steel with replaceable wear-resistant manganese-steel toothed blades. Ni-Hard, indeed, is a hard material but	It is to clarify that the material of construction for the Cutter Head shall be read as Ni Hard/Manganese Steel. Further self cleaning system, if integral to the design of Cutter Head of dredge shall be acceptable to the Department but without any extra cost.

			fragile and not suitable for working in pressure of impacts.	
06	Clause 14 Deck Crane of Technical Specifications.	A deck crane of suitable capacity shall be provided and fitted with hand operated mechanism to tackle for hoisting of pump/pump parts and other heavy parts.	M/S Reach Dredgers:- Deck Crane not provided in such small dredger.	It is to clarify that Deck Crane is to be provided in the Dredger.
07	Clause 15 Instrumentation and Controls of Technical Specifications.	The control panel shall include but not limit to the following instruments. Control propulsion unit.	M/S ITALDRAGHE:- Has the Dredger to be self propelled. M/S Reach Dredgers:- There is no propulsion unit.	It is to clarify that due to typographical error at page 24 of the tender document the dredger has been indicated to be self propelled. Corrigendum in this regard stands issued.
08	Clause 16 Safety and Navigational Tool of Technical Specifications.	Light reflectors to be mounted on anchoring and winch ropes.	M/S ITALDRAGHE:- What do you mean by "Light reflectors to be mounted on anchoring and winch ropes".	It is to clarify that these are safety devices, for showing the way, on the dredger during night time.
09	Clause 19 All Weather Proof Canopy of Technical Specifications.	All weather proof detachable and lightweight canopy shall have to be provided over the deck on hollow steel tubes with fibre glass sheeting.	M/S ITALDRAGHE:- Where should the weather proof canopy be placed.	It is to clarify that the canopy is to be provided on the deck for housing the Prime Mover.
10	Clause 20 Dredging Depth of Technical Specifications.	≥ 8.00 m from free water surface	M/S ITALDRAGHE:- Has the dredging depth to be 08 M or 06 M.	It is to clarify that the dredging depth is to be 08M from free surface of water.
11	Clause 20 Hull of Technical Specifications.	Hull width ≤ 5 meters	M/S Reach Dredges- Our request as per design.	It is to clarify that the hull width shall be ≤ 5 meters.
12	Clause 20 Main Engine of Technical Specifications.	Make:- Caterpillar/Isuzu/ Perkins / Cumins	M/S ITALDRAGHE:- Is it acceptable to mount a Volvo engine? M/S Reach Dredgers:- Our request as per O.E.M. selection. M/S Cleantec:- Please add John Deere which is a well accepted international brand specially on American dredges.	The clause shall remain same and as requested by the intending bidders the request can be considered subject to the availability of OEM authorised service backup available in the State of J&K, India. Further preference will be given to the makes as per the order as per NIT.
13	Clause 20 Dredge Pump of Technical Specifications.	Make:- IHC/ELLCOTT/WARMAN/DAMIN Capacity:- 800 to 1000 cum of slurry per hour with minimum solid concentration 15 to 20% by volume at a terminal elevation ofmeter from free surface of water and at an average in-situ density of 2000 kg/m ² .	M/S ITALDRAGHE:- Please add "ITALDRAGHE" brand as pump make. M/S Dredge Yard:- Please add "Dredge Yard" brand as pump make. M/S Reach Dredgers:- Our request average density depends slurry density. M/S Cleantec:- Please add "& like" as was done for make of dredge else the tender would be restricted to a few	The clause shall be read as Make:- IHC/ELLCOTT/WARMAN/DAMIN and like

			players and not open to competition.	
14	Clause 20 Hydraulic Power Package of Technical Specifications.	Make:- Parker / Bosch Rexroth / Commercial Intertech	M/S Reach Dredgers:- Our request as per design. M/S ITALDRAGHE:- Hydraulic Pumps by Danfoss	The clause shall be read as Make:- Make:- Parker / Bosch Rexroth / Commercial Intertech and like.
15	Clause 20 Cutter Unit of Technical Specifications.	Drive motor make:- Parker / Bosch Rexroth / Commercial Intertech	M/S Reach Dredgers:- Our request as per design. M/S ITALDRAGHE:- Poclain hydraulic motors for the cutter heads.	The clause shall be read as Make:- Make:- Parker / Bosch Rexroth / Commercial Intertech and like.
16	Clause 20 Swing Winch of Technical Specifications.	length of steel rope:- ≥150 meters Diameter of steel rope:- 16 mm	M/S Reach Dredgers:- Rope length max 120 M and diameter 16/18mm.	It is to clarify that the rope length shall be ≥150 meters and diameter shall be 16mm.

Note:- Any special additional features outside the scope of NIT of the Dredge shall not be considered for technical evaluation purposes.

D COMMERCIAL TERMS AND CONDITIONS:-

Sr No	Para/Clause under reference as per tender document	Description of Para/Clause under Reference as per Tender Document	Query/Suggestions	Response
01	Clause 2 Delivery of Commercial Terms and Conditions.	Complete delivery of equipment in 8 months from the date of placement of order/ LOI.	M/S Cleantec:- Please amend to read 08 months from the date of signing of agreement. M/S Royal IHC:- Is extension possible? The tendered dredger has some long lead items which are critical for quality of dredger.	The delivery period of the equipment shall be as per the NIT.
02	Clause 2 Terms of Payment of Commercial Terms and Conditions.		M/S Royal IHC:- Can the payment schedule also be in line with the building schedule of equipment. M/S Italdraghe:- Is it possible to know which will be the bank opening the LC.	It is to clarify that such type of payment clause is not possible for the Department, to incorporate in the document. As far as the Letter of Credit is concerned in all probability it will be facilitated through State Trading Corporation or J&K Bank.
03	Clause 4 Taxes and Duties of Commercial Terms and Conditions.	Taxes & Duties as applicable	M/S Italdraghe:- Please confirm how much is the State Entry Tax for goods.	Entry tax as per the prevailing tax regime has been abolished.

E) BILL OF QUANTITIES

Certain queries regarding the Bill of Quantities (BOQ) of the tender document were also raised during the pre-bid meeting. In this connection the following is clarified:

1. With respect to the items of the Operation and Maintenance Contract, it is to clarify that the Department intends to carry out the Dredging Operation in double shift at all possible times. However, if due to some unavoidable circumstances like hostile weather conditions or high water levels in the River, the dredging operation can be reduced to single shift or at the worst lead to idle time. For this exigency, rates for single shift as well as idle time are to be fixed, at the time of finalisation of contract.
2. With respect to the contention regarding the methodology for arriving at the first lowest bidder, it is to clarify that the calculations for this purpose shall be limited to the scope of Design, selection, manufacture, packaging, forwarding, assembling at site, installation, testing, commissioning & trial running, of portable hydraulically operated cutter suction dredger and supply of spares for dredge's up to item 12 of the BOQ. However the contract for the Operation and Maintenance part shall necessarily be placed either with the local/ country representative of the OEM in case of the foreign bidder or with the bidder of Indian Origin, with whom the order for Dredge's and Spares is placed.

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