

**NUMALIGARH  
REFINERY  
LIMITED**



**A GOVERNMENT OF INDIA UNDERTAKING**

**TENDER DOCUMENT**

**FOR**

**“SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CHLORIDE  
ANALYSER, DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER FOR QC LAB,  
NRL”**

**Tender No. OC12000092/ASH**

**PART – I: UN-PRICED BID**

**PREPARED & ISSUED BY  
NUMALIGARH REFINERY LIMITED  
(A Govt. of India Enterprise)**



**NUMALIGARH REFINERY LIMITED  
NOTICE INVITING TENDER (NIT)**

1. Numaligarh Refinery Limited (NRL) invites ONLINE bid (E-tender) from competent and experienced suppliers under two bid system (Part-I: Techno-commercial part and Part-II: Price Part) with sound technical and financial capabilities fulfilling the Pre- Qualification Criteria (PQC) of the tender document for the following item:

| <b>SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING OF CHLORIDE ANALYSER, DOUBLE BEAM<br/>UV-VISIBLE SPECTROPHOTOMETER FOR QC LAB, NRL</b> |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>(Tender No : OC12000092/ASH)</b>                                                                                                         |                             |
| Tender Publish Date                                                                                                                         | 22-07-2019 at 16-00 Hrs.    |
| Tender document download end date & time                                                                                                    | 12-08-2019 at 11-00 Hrs.    |
| Pre-bid Meeting                                                                                                                             | Not applicable              |
| Bid Submission end date & time                                                                                                              | 12-08-2019 at 11-00 Hrs.    |
| Bid opening date & time (Technical Bid):                                                                                                    | 13-08-2019 after 11-00 Hrs. |
| Tender Withdrawal Time End Date :                                                                                                           | 12-08-2019 at 10-00 Hrs.    |

- All amendment, corrigendum, addendum, extension of due date, etc. shall be uploaded in website (<http://eprocure.gov.in/eprocure/app>) only.

**1. SUBMISSION OF E-BID:**

The E-Bid should be prepared in Two Parts as per the following details.

- PART – I : Techno-commercial / Un-priced Bid
- PART - II : Price Bid

**Note:**

- Only online offer shall be considered against the subject enquiry. For details please go to our e-tendering portal <http://eprocure.gov.in/eprocure/app>
- This Tender is being conducted in e-tendering mode and the Bid documents can be downloaded for ONLINE bidding by the bidders, who has the Digital Signature Certificates.
- For any assistance you may please contact our service provider personnel at Phone No 03776 – 265774, email: [z\\_tender@nrl.co.in](mailto:z_tender@nrl.co.in)
- Bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The Toll free contact number for the helpdesk is 1800 3070 2232.
- Bids received by way of Post, Courier, Fax, Telex or Telegram or email or in open condition shall not be considered.**

2. **PRE-QUALIFICATION CRITERIA (PQC):** Please refer 'TECHNICAL COMPLIANCE SHEET' (TCS) along with all requisite technical documents/ information shall be enclosed with bidder's un-priced quotation.

3. **EVALUATION OF THE TENDER:** Tender shall be evaluated on 'ITEMWISE LOWEST OFFER BASIS' considering the item is non-splitable. Comparison shall be made against the Final Landing Costs at NRL Site.

**4. DOCUMENTS TO BE UPLOADED AS A PART OF PART – I: TECHNO-COMMERCIAL / UNPRICED E-BID:**

- a) Documents in support of PQC.
- b) For indigenous bidder, PAN No., GST registration number allocation certificate, Registration certificate /Trade license certificate/ Enlistment certificate / Incorporation certificate in any Govt. deptt. / Statutory body / PSU shall be submitted.  
Such other certificates if any as defined in the ITB  
Copy of partnership deed in case of partnership firm, Memorandum and Article of Association in case of limited company, ownership certificate in case of sole of proprietary 9 firm and Power of Attorney in favour of authorized signatory in case the firm is not a proprietary firm.
- c) Tender document and copies of all techno-commercial amendments/addendums/corrigendum issued(if any), duly signed and stamped on each page as a token of having received and read all parts of the tender document and having accepted and considered the same in preparing their bid along with Agreed Terms & Conditions (ATC). The commercial terms & conditions should not be repeated in the offer.
- d) In case bidder (Indigenous) is Micro & Small Enterprise (MSE), UAM no. & Indemnity Bond as per clause no. 5 of this NIT.
- e) Duly signed & stamped copy of (i) Technical Compliance Sheet, (ii) Deviations (if any) etc.
- f) OEM Authorization letter (if Applicable).
- g) List of deviations from NRL technical specification, if any. Bidder should also provide nil deviation statement in the offer in case no technical deviation.

**DOCUMENTS TO BE SUBMITTED AS A PART OF PART – II: PRICED E-BID:**

- (a) BoQ/Priced Bid “in "XLS" format as per instructions provided.

**IMPORTANT NOTE:**

- (i) ***Bidder to quote Unit Price i.e. FOR NRL Site for Indian bidder & FOB port upto Kolkata for foreign bidders. Taxes, Duties, all other charges (i.e. P&F, Freight, TPI/ IBR Charges) in online BoQ/Priced Bid in "XLS" format strictly as per instructions provided. Charges quoted elsewhere shall be ignored and will not be taken into consideration.***
- (ii) *Bidders are strictly advised not to submit any additional offer documents mentioning commercial terms and conditions beyond the documents and forms published along with this tender. No subsequent revision in the BoQ is possible after final submission. Any services, charges, taxes and duties left blank or =0 (zero) in the online priced bid (BoQ) shall be deemed to be inclusive in the quoted price.*
- (iii) *Ambiguity/contradiction/lack of clarity may lead to rejection at any stage of the tender without further notice.*

**5. TENDERS FROM MICRO AND SMALL ENTERPRISES (MSEs): Refer Annexure X.**

6. NRL adopts a practice to verify documents submitted by L1 (successful) bidder in support of bidder's credential against PQC. Authentication may be verified with the issuing authorities, by way of direct communication to NRL over official e-mail IDs / Original letter of authentication by post. Bidders may also follow up with the issuing authority for eliciting early response. If documents remain unauthenticated till given time line, NRL reserves the right to reject the bid.

Proper address for communication, including e-mail ID of the issuing authority should be provided along the tender document.

**7. GENERAL:**

- i) Bidder should not be under liquidation, court receivership or similar proceedings. Bidder to submit the self certificate in this regard.
- ii) Agencies submitting their bids shall not be on Holiday list of NRL.
- iii) Consortium/Joint venture bids shall not be accepted.
- iv) Canvassing in any other form by the bidder or by any other agency on their behalf may lead to disqualification of their bid.
- v) In case any of the document/information(s) furnished by a bidder are found to be false/forged, such bidder shall be kept in holiday list/ black list apart from other penal actions as deemed fit by NRL.
- vi) NRL reserves the right to defer the date/time of opening of the offer; to make changes in the terms & conditions of tender document and to reject any or all bids without assigning any reason thereof.

**Date: 22-07-2019**

**GM (Commercial) i/c  
Numaligarh Refinery Limited.  
Commercial Dept, Pankagrath,  
PO- NR Project, Dist – Golaghat  
PIN-785699, Assam**

Contact Person: Ms. Ashrukana Gogoi  
Phone : 03776-265485  
Email ID: ashrukanag@nrl.co.in

### TECHNICAL COMPLIANCE SHEET

**Tender No: OC12000092/ASH**

**Subject: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CHLORIDE ANALYSER, DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER FOR QC LAB, NRL.**

*Duly signed & stamped copy of this pre-filled 'Technical Compliance Sheet' (TCS) along with all requisite technical documents/ drawings / information shall be enclosed with bidder's un-priced quotation. Failure on the part of bidder in not submitting the same may lead to rejection of bidder's quotation.*

| SN  | TECHNICAL REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | BIDDER'S CONFIRMATION |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 01. | <b><u>PRE-QUALIFICATION CRITERIA (PQC):</u></b><br><br>a. Bidder shall have experience of supplying similar items to any Government Organization / Public Sector Undertaking / Reputed Private organization..<br><br>b. One Copy of Purchase Order / Letter of Intent of having supplied the tendered equipment in the last five years to be reckoned up to the Bid Due Date along with receipt and commissioning certificate from the Engineer In Charge of the concerned organization. | Noted & confirmed.    |
| 02. | Please refer to <b>Annexure - I</b> for detailed specification of the items & Technical terms & conditions and quote accordingly.                                                                                                                                                                                                                                                                                                                                                        | Noted                 |

\_\_\_\_\_  
(SIGNATURE OF BIDDER)

Tender No: OC12000092/ASH

Subject: SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING OF CHLORIDE ANALYSER, DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER FOR QC LAB, NRL

| Terms & Conditions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                    |         |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|---------|
| Clause No.         | Clause description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Vendor Confirmation | Deviation (if any) | Remarks |
| 1                  | <b>Pre Qualification Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                    |         |
|                    | 1a) Bidder shall have experience of supplying similar items to any Government Organisation / Public Sector Undertaking / Reputed Private organisation.                                                                                                                                                                                                                                                                                                                                                                 |                     |                    |         |
|                    | 1b) One Copy of Purchase Order / Letter of Intent of having supplied the tendered equipment in the last five years to be reckoned up to the Bid Due Date along with receipt and commissioning certificate from the Engineer In Charge of the concerned organization.                                                                                                                                                                                                                                                   |                     |                    |         |
| 2                  | <b>Supply:</b> The items listed in the scope of supply and works are only minimum indicative requirement. It is vendor's responsibility to supply all the required accessories/tools to successfully commission and make the equipment fully functional to its intended use. To fulfill such requirement, vendor may include, on their judgment, certain item(s) that is not included in the basic RFQ. NRL has the right to evaluate such additional item and may include or delete them in the final purchase order. |                     |                    |         |
| 3                  | <b>Safety:</b> Vendor to conform that quoted equipment shall abide to the latest international safety norms (necessary certificate to be provided).                                                                                                                                                                                                                                                                                                                                                                    |                     |                    |         |
| 5                  | <b>Spares and consumables:</b> Vendor shall ensure the availability of spares and consumables for minimum 10 years.                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                    |         |
| 6                  | Vendor shall be responsible for the quality, proper design, workmanship and operation of all equipment, accessories supplied for the warranty/ guarantee period and any defect attributable to poor design or workmanship shall be rectified free of cost during this period.                                                                                                                                                                                                                                          |                     |                    |         |
| 7                  | <b>Inspection and test certificate:</b> Vendor shall submit the inspection and test certificates, calibration reports traceable to applicable national and international standards for purchaser's review. The instrument shall be accepted only after satisfactory site acceptance test viz. repeatability/ precision/accuracy of the instrument as per the above standard methods along with the other specifications as mentioned herewith.                                                                         |                     |                    |         |
| 8                  | <b>Installation &amp; Commissioning:</b> Installation & commission of the instrument at NRL Quality laboratory shall be under vendor's scope. It is vendor's responsibility to demonstrate the performance of the equipment to the fullest satisfaction of NRL engineers and as per the relevant standards. Vendor shall consider the following points in respect of installation and commissioning activities:                                                                                                        |                     |                    |         |
|                    | 8a) <b>Commissioning schedule:</b> After the receipt of the materials at NRL site, vendor shall mobilize required manpower / tools / machineries etc. to execute the installation and commissioning jobs at NRL site.                                                                                                                                                                                                                                                                                                  |                     |                    |         |
|                    | 8b) The Installation & commissioning activities shall be completed within 30 days from the date of intimation by M/s. NRL after receipt of materials at site.                                                                                                                                                                                                                                                                                                                                                          |                     |                    |         |
|                    | 8c) Vendor to provide all consumables and test standards required for commissioning of the system at NRL site along with the equipment at free of cost.                                                                                                                                                                                                                                                                                                                                                                |                     |                    |         |
| 9                  | <b>Training:</b> Vendor to impart operational and service training on the instrument to NRL personnel (8 persons) for a duration of 3 days. Calibration of the Instruments should be also included during the training. Vendor to consider this factor while quoting for the system.                                                                                                                                                                                                                                   |                     |                    |         |
| 10                 | <b>Software and documentation:</b> Vendor to submit six hard copies of original (in English language) instruction, operation and maintenance manuals and two soft copies (CD) along with the supply. Back-up Software CDs shall be supplied along with equipment.                                                                                                                                                                                                                                                      |                     |                    |         |
| 11                 | <b>Service backup:</b> Vendor shall have proper service support for offered system in India and to provide after sale service with experience and trained engineers. Vendor to furnish in their offer the service agency's brief performance history, authorization letter from OEM, years of handling, experience of similar equipment, Postal Address, Telex and Fax numbers and contact person's name etc. in India.                                                                                                |                     |                    |         |
| 12                 | Space, Environment & power requirement of the instrument to be indicated in the quotation. M/S NRL shall provide stabilized 230VAC power supply at a single point.                                                                                                                                                                                                                                                                                                                                                     |                     |                    |         |
| 13                 | <b>Calibration:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                    |         |

|              |                                                                                                                                                                                                                                                                                                                        |  |  |  |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
|              | a) The instrument should have the calibration traceability to internationally accredited Institutions/Laboratories viz. ISO, IEC etc.                                                                                                                                                                                  |  |  |  |
|              | b) The supplier needs to recommend the calibration frequencies of the instrument. If for some reasons the calibration is required to be undertaken earlier than the recommended calibration the cost of such calibrations during the warranty period as well as the CAMC period if any, shall be borne by the vendors. |  |  |  |
|              | c) The calibration procedure should be very clearly indicated in the tender.                                                                                                                                                                                                                                           |  |  |  |
|              | d) Calibration if required to be done only by the manufacturer then it should be ensured during the visit for AMC.                                                                                                                                                                                                     |  |  |  |
| 14           | <b>System license:</b> The system with all functionalities shall be licensed to NRL usage after the successful SAT. Vendor to handover license copy of all installed software after successful commissioning of the system.                                                                                            |  |  |  |
| 15           | <b>Technical support:</b> Vendor shall support the offered system for minimum 10 years after successful commissioning by providing prompt action in any type of technical issues, modification, spares etc. Manufacturer should confirm this in writing.                                                               |  |  |  |
| 16           | <b>Software up-gradation:</b> If any software up-gradation required /released for the supplied system within 5 years from the expiry of warrantee of the system, same shall supplied to NRL by vendor free of cost without any price implication.                                                                      |  |  |  |
| 17. Payment: |                                                                                                                                                                                                                                                                                                                        |  |  |  |
|              | <b>(a) Supply of the Equipment at NRL Site: 70 % of the Order value against receipt and acceptance at site</b>                                                                                                                                                                                                         |  |  |  |
|              | <b>(b) Installation, Testing &amp; commissioning of the Equipment at NRL Site: 30 % of the Order value</b>                                                                                                                                                                                                             |  |  |  |

## Item no. 10: Chloride Analyser - Scope of supply &amp; Specification

## Annexure I

| Clause No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Vendor's Offer / Confirmation. | Deviation (if any) | Remarks |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------|---------|
| 1          | <b>ITEM DESCRIPTION : Monochromatic Wavelength Dispersive X-Ray Florescence Spectrometer (MWDXRF) for Chloride determination in Naphtha, aromatic hydrocarbons, Crude oils samples.</b>                                                                                                                                                                                                                                                                                                                            |                                |                    |         |
|            | <b>SCOPE OF SUPPLY:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |                    |         |
|            | Supply, installation, testing & commissioning of a high precision MWDXRF Spectrometer for Chloride determination in Naphtha, aromatic hydrocarbons, Crude oils and catalysts samples conforming ASTM D7536 & D4929C with all the required accessories, calibration standards and consumables as per the scope of supply, technical specifications and other terms & conditions attached herewith.                                                                                                                  |                                |                    |         |
| 2          | <b>Calibration And Consumables Supply:-</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |                    |         |
|            | A. The bidder should supply three sets of calibration/verification standards in the range of 0.5ppm wt to 2500 ppm wt.                                                                                                                                                                                                                                                                                                                                                                                             |                                |                    |         |
|            | B. The Bidder should supply any other accessories, if required, to complete the installation and functioning of the system in all respects.                                                                                                                                                                                                                                                                                                                                                                        |                                |                    |         |
|            | C. The bidder should supply for accessories and consumables required for 1000 sample analysis, which shall include - Analyzer suitable sample Film, Removable Sample cell Set, Disposable graduated pipette, Analyzer suitable Printer paper Pack & cartridge, Washer, Sample Window, etc.                                                                                                                                                                                                                         |                                |                    |         |
| 3          | <b>Essential Accessories, consumables and spares:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |                    |         |
|            | A. Party is requested to submit quote for 02 years operation spares and consumable price if which shall reman frozen during the warranty / guarantee period. The same will not be considered for evaluation.                                                                                                                                                                                                                                                                                                       |                                |                    |         |
|            | B. The accessories and consumables should include with removable sample cells compatible with the geometry of the offered MWDXRF spectrometer and designed to use replaceable X-ray transparent film to hold volatile samples (such as Naphtha & Motor gasoline) and other liquid hydrocarbon samples with a minimum depth of 3mm without any leak.                                                                                                                                                                |                                |                    |         |
|            | C. The bidder should offer necessary software required for LIMS interface                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |                    |         |
| 4          | <b>Scope of Installation:-</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |                    |         |
|            | Installation & commissioning of all vendor supplied items at NRL site.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                    |         |
| 5          | <b>TECHNICAL SPECIFICATION of the rquipment:-</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                |                    |         |
|            | A. Monochromatic Wavelength Dispersive X-Ray Florescence Spectrometer should meet the requirements of ASTM D7536 & D4929C test methods for the determination of Chlorine in petroleum hydrocarbon samples such as Naphtha, Feed stocks such as Gasoil &vacuum Gas oil, Crude oil samples.                                                                                                                                                                                                                          |                                |                    |         |
|            | B. Monochromatic Wavelength Dispersive X-Ray Florescence Spectrometer should be a bench-top analyzer with in-built touch screen user interface and have Chlorine measuring range from 0.5 ppm wt to 3000 ppm wt.                                                                                                                                                                                                                                                                                                   |                                |                    |         |
|            | C. Monochromatic Wavelength Dispersive X-Ray Florescence Spectrometer must equipped with X-ray source capable of producing X- rays to excite chlorine. The X-ray tube shall have power capable of producing Rh L $\alpha$ , Pd L $\alpha$ , Ag L $\alpha$ , Ti K $\alpha$ , Sc K $\alpha$ , and Cr K $\alpha$ radiation. Spectrometer should have Incident-beam Monochromator and Chlorine specific channel monochromatic for dispersing chlorine K $\alpha$ X-rays for efficient low level detection of chlorine. |                                |                    |         |
|            | D. Optical path should be designed to minimize the absorption along the path of the of the excitation and fluorescent beams using a vacuum atmosphere.                                                                                                                                                                                                                                                                                                                                                             |                                |                    |         |
|            | E. Detector should be designed for efficient detection of chlorine K $\alpha$ X-rays.                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |                    |         |
|            | F. The offered Monochromatic WDXRF for Chlorine determination should have automatic sulfur correction.                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                    |         |
|            | G. The offered unit should come with removable sample cells compatible with the geometry of the MWDXRF spectrometer and designed to use replaceable X-ray transparent film to hold a liquid specimen with a minimum depth of 5 mm without any leak.                                                                                                                                                                                                                                                                |                                |                    |         |

| Item no. 20: Double Beam UV-Visible Spectrophotometer |                                                                                                                                                                                                                                                   | Annexure I                    |                    |         |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------|---------|
| Clause No.                                            | Description                                                                                                                                                                                                                                       | Vendor's Offer / Confirmation | Deviation (if any) | Remarks |
| 1                                                     | <b>Scope of Supply</b>                                                                                                                                                                                                                            |                               |                    |         |
|                                                       | Supply, installation, Testing & commissioning of a Double beam UV-Visible Spectrophotometer as per the scope of supply, specifications and other terms & conditions .                                                                             |                               |                    |         |
|                                                       |                                                                                                                                                                                                                                                   |                               |                    |         |
|                                                       | <b>Calibration and verification standards</b>                                                                                                                                                                                                     |                               |                    |         |
|                                                       | A. The bidder shall carry out Calibration of the Spectrophotometer during the installation. Supply of the necessary Materials(CRMs etc.) for calibration is within the scope of the Bidder.                                                       |                               |                    |         |
|                                                       | B. The Bidder shall supply any other accessories, if required, to complete the installation and functioning of the system in all respects.                                                                                                        |                               |                    |         |
|                                                       | <b>Spares and Software :-</b>                                                                                                                                                                                                                     |                               |                    |         |
|                                                       | A. Bidder is requested to Quote essential Spares and consumables required for operating the equipment for the next 2 years price of which shall remain frozen during the warranty/ guarantee period. This shall not be considered for evaluation. |                               |                    |         |
|                                                       | B. The bidder should offer necessary software required for LIMS interface                                                                                                                                                                         |                               |                    |         |
| 2                                                     | <b>SCOPE OF SERVICE:</b>                                                                                                                                                                                                                          |                               |                    |         |
|                                                       | 2.1 Installation & commissioning of all vendor supplied items at NRL site.                                                                                                                                                                        |                               |                    |         |
| 3                                                     | <b>Technical Specification of the equipment.</b>                                                                                                                                                                                                  |                               |                    |         |
|                                                       | i) Wavelength range : 190-900 nm.                                                                                                                                                                                                                 |                               |                    |         |
|                                                       | ii) Wavelength Accuracy: 1.0 nm                                                                                                                                                                                                                   |                               |                    |         |
|                                                       | iii) Wavelength repeatability: $\pm 0.2$ nm                                                                                                                                                                                                       |                               |                    |         |
|                                                       | iv) Spectral Bandwidth (variable) :0.5 to 2 nm                                                                                                                                                                                                    |                               |                    |         |
|                                                       | v) Optical system: Double beam; Quartz-coated optics.                                                                                                                                                                                             |                               |                    |         |
|                                                       | vi) Photometric readout: Abs, %T, Concentration                                                                                                                                                                                                   |                               |                    |         |
|                                                       | vii) Lamp Source: Deuterium/Tungsten Lamp                                                                                                                                                                                                         |                               |                    |         |
|                                                       | viii) Detector: Solid state detector (PMT)                                                                                                                                                                                                        |                               |                    |         |
|                                                       | ix) Monochromator: Holographic Grating                                                                                                                                                                                                            |                               |                    |         |
|                                                       | x) Stray Light: Less than 0.015%                                                                                                                                                                                                                  |                               |                    |         |
|                                                       | xi) Transmittance, Reflectance: 0.0 - 999.9%                                                                                                                                                                                                      |                               |                    |         |
|                                                       | xii) Data Storage: Up to 30 results                                                                                                                                                                                                               |                               |                    |         |
|                                                       | xiii) Communication: Bi-directional RS232C, USB output for printers and storage.                                                                                                                                                                  |                               |                    |         |

**NUMALIGARH REFINERY LIMITED**  
**AGREED TERMS & CONDITIONS (ATC)**

Bidder M/s \_\_\_\_\_ Tender No : **OC12000092/ASH**

Offer Ref & Date: \_\_\_\_\_ Signature : \_\_\_\_\_

Tel. No/ Mob: \_\_\_\_\_ Name : \_\_\_\_\_

E-mail id \_\_\_\_\_ Official Seal : \_\_\_\_\_

***DULY FILLED, SIGNED & STAMPED COPIES OF THIS PRE-FILLED "QUESTIONNAIRE" SHALL BE ENCLOSED WITH BIDDER'S UNPRICED QUOTATION. FAILURE ON THE PART OF BIDDER IN NOT RETURNING THIS DULY FILLED-UP "QUESTIONNAIRE WITH UNPRICED QUOTATION AND/OR SUBMITTING INCOMPLETE REPLIES MAY LEAD TO REJECTION OF BIDDER'S QUOTATION".***

| SN  | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BIDDER'S CONFIRMATION  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 01. | <b><u>EVALUATION OF TENDER:</u></b><br>Evaluation of this tender shall be on – 'ITEMWISE LOWEST BASIS' considering each item as non-spitable. Comparison shall be made against the Final Landing Costs at NRL Site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Noted & Confirmed.     |
| 02. | Quoted price shall be on FOR NRL Stores basis.<br><br>Please indicate the following:<br>(a) Despatch Point of the goods:<br><br>(b) Mode of despatch of goods:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (a) _____<br>(b) _____ |
| 03. | Please confirm that you have quoted price on FOR NRL Site basis; Separately indicating Basic Price (on Ex-works), P&F (in % of basic), Freight Charge (in % of basic), Third Party Inspection charges (in % of basic), GST (in % of basic) in the "BoQ/Priced Bid" in "XLS" format as per instructions provided<br><b>Note:</b> Please quote the above in BOQ as per requirement of Tender conditions.                                                                                                                                                                                                                                                                                                           | Confirmed.             |
|     | <b>NOTE:</b> Where any field in the online priced bid (BoQ) is left blank or =0, the charge, tax or duty shall be considered as either inclusive, nil or not applicable. Charges quoted elsewhere may be ignored in priced bid evaluation and shall not be borne by NRL. Bidders are strictly advised not to submit any additional offer documents mentioning commercial terms and conditions beyond the documents and forms published along with this tender. No subsequent revision in the BoQ is possible after final submission. Any services, charges, taxes and duties left unquoted shall be deemed to be inclusive in the quoted price.<br>Ambiguity/contradiction/lack of clarity may lead to rejection | Noted                  |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|     | at any stage of the tender without further notice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |
| 04. | <b><u>PACKING &amp; FORWARDING (P&amp;F) CHARGES:</u></b><br>Seller to indicate applicability of P&F charges as per the respective quoted rates in BOQ or it is inclusive.                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Confirmed. |
| 05. | <b><u>THIRD PARTY INSPECTION CHARGE:</u></b><br>Seller to indicate the charge for Third Party Inspection Charge as per the respective quoted rates in BOQ or it is inclusive.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Confirmed. |
| 06. | <b><u>FREIGHT CHARGES:</u></b><br>Please note that Transportation up to NRL Site is in the scope of Seller. Seller to indicate firm freight charge as per the respective quoted rates in BOQ or it is inclusive.                                                                                                                                                                                                                                                                                                                                                                                                                       | Confirmed. |
| 07. | <b><u>GST DETAILS:</u></b><br>Please furnish following information as per the respective quoted rates in BOQ. <ol style="list-style-type: none"> <li>1. HSN CODE</li> <li>2. APPLICABLE GST TYPE-IGST/CGST+SGST/UTGST</li> <li>3. APPLICABLE GST %</li> </ol>                                                                                                                                                                                                                                                                                                                                                                          | Confirmed. |
| 08. | <b><u>PAYMENT TERM:</u></b> <ul style="list-style-type: none"> <li>• 70 % of Order value against receipt and acceptance of item at NRL site within 30 days and submission of 10% PBG.</li> <li>• 30 % of Order value against Installation, Testing &amp; commissioning of the Equipment at NRL Site.</li> </ul> <p>Any deviation from the above may lead to rejection of the offer.</p> <p>In case, PBG is not provided by the Vendor, 10% of the basic value shall be retained in lieu of PBG, till the expiry of guarantee and claim period.</p> <p><b>Note: PLEASE REFER SPECIAL INSTRUCTIONS TO BIDDERS (SIB) FOR DETAILS.</b></p> | Confirmed. |
| 09. | <b><u>DELIVERY PERIOD:</u></b><br>Materials shall be delivered within 60 days at FOR NRL site from the date of confirmed PO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Confirmed. |
| 10. | <b><u>OFFER VALIDITY:</u></b><br>Bid shall remain valid for a period of 120 days from the bid due date/extended due date. <p><b><i>Note: In case any bidder quotes shorter bid validity, his offer shall be liable for rejection.</i></b></p>                                                                                                                                                                                                                                                                                                                                                                                          | Confirmed. |
| 11. | <b><u>PRICE REDUCTION CLAUSE FOR DELAYED DELIVERY:</u></b><br>In case of delay in execution of the order, NRL may at its option, recover from the bidder price reduction of 0.5% of                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Confirmed  |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
|     | the value of delayed goods per week of delay or part thereof subject to a maximum of 5% of the total order value of goods.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |
| 12. | <b><u>REPEAT ORDER:</u></b><br>Acceptance of repeat order within 12 (Twelve) Months from the date of Purchase Order at same prices, terms and conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Confirmed.                      |
| 13. | <b><u>GUARANTEE / WARRANTEE CLAUSE:</u></b><br>Vendor shall guarantee NRL against any and all defects in design, workmanship of material and performance for a period of 12 months from the date of commissioning / installation or 24 months from the date of last despatch, whichever expires first. Should any defects develop during the guarantee period, it should be remedied promptly free of cost by the vendor and all expenses for transportation of goods necessitated for such repairs or replacement shall be borne by the vendor. The guarantee period for such repaired/replaced goods shall again be 12 months from the date of commissioning/installation. | Confirmed as per Technical spec |
| 14. | <b><u>PERFORMANCE BANK GUARANTEE (PBG):</u></b><br>Submission of Performance Bank Guarantee for 10% of total order value for supply (as per NRL's standard PBG format attached with tender document) valid till for full guarantee period plus 6(six) months of claim period.                                                                                                                                                                                                                                                                                                                                                                                                | Confirmed.                      |
| 15. | <b><u>ACCEPTANCE OF NRL GPC:</u></b><br>Acceptance of General Purchase Conditions (GPC) of NRL shall be accepted without deviation. (Refer NRL website).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Confirmed.                      |
| 16. | <b><u>NO ESCALATION CLAUSE:</u></b><br>(a) No escalation of contract value, in any form whatsoever will be entertained during the contract period.<br>(b) For applicable labour wage at NRL site & other related information regarding labour wages, kindly refer "circular wages for contract workmen". This circular is available at NRL Website <a href="http://www.nrl.co.in/tender">www.nrl.co.in/tender</a> (Tender Room under heading "Circular of Wages for contract workmen").<br>(c) No mobilization advance will be paid to the contractor for execution of this work.                                                                                            | Confirmed.                      |
| 17. | Lists of deviation stated are limited to exemption & deviation as per <b>ANNEXURE –II.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Confirmed.                      |
| 18. | Information furnished by the bidder is correct in all respects. In case of submission of any false information/ forged documents, offer shall be summarily rejected and penal action including holiday listing as deemed fit will be done by NRL.                                                                                                                                                                                                                                                                                                                                                                                                                            | Noted.                          |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                 |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 19. | <p>Bidders who are on holiday list by NRL or any other Oil sector PSU will not be considered. Accordingly, the bidder shall submit a self-declaration as per format enclosed with Tender Document. It may be noted that if this declaration is found to be false, NRL shall have the right to reject bidder's offer, and if the bid has resulted in a contract, the contract is liable to be terminated.</p> <p><b>Non fulfillment of all the above mention Technical &amp; Commercial Qualifying criteria will lead to disqualification of bidder.</b></p> | Noted.                          |
| 20. | <p>Kindly confirm whether you are a registered MSE vendor. For details please refer "Annexure X" of the Tender Document.</p> <p>a. Indicate separately if you are a Women Owned MSE :-</p> <p>b. Indicate separately if you are a MSE and belong to the SC/ST category:-</p> <p>Documentary proof like ownership certificate / caste certificate etc. to be submitted for eligibility under a and b above.</p>                                                                                                                                              | <p>Yes / No</p> <p>Yes / No</p> |
| 21. | <p><b><u>Supporting documents for Startup:</u></b></p> <p>Bidder who intends to participate as 'Start-up' company should enclose the Certificate of Recognition issued by Department of Industrial Policy and Promotion, Ministry of Commerce &amp; Industry, Govt. of India.</p>                                                                                                                                                                                                                                                                           | Confirmed                       |

**BIDDER'S SIGNATURE, SEAL:**

**(To be submitted on bidder's letterhead)**

**UNDERTAKING**

Date: \_\_\_\_\_

To,  
**GM (Commercial) i/c,**  
Numaligarh Refinery Limited,  
Pankagrath, PO: Numaligarh Refinery Project,  
Dist-Golaghat (Assam), India  
PIN-785699  
Fax No.: 03776-265514 / Phone: 03776-265477  
E-mail: ashrukanag@nrl.co.in

**Sub: Declaration for not being under liquidation, court receivership or similar proceedings.**

**Ref: (Tender No: OC12000092/ASH)**

Dear Sir,  
We herewith declare that we are not under liquidation, court receivership or similar proceedings.

\_\_\_\_\_  
**(Authorized Signatory)**

Name & Designation:

Company Seal:

Date:

Place:

**Tender No: OC12000092/ASH**

**Subject: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CHLORIDE ANALYSER, DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER FOR QC LAB, NRL**

Bidders who are on holiday list by NRL or any other Oil sector PSU will not be considered. Accordingly, the bidder shall submit a self-declaration as per format below. It may be noted that if this declaration is found to be false, NRL shall have the right to reject bidder's offer, and if the bid has resulted in a contract, the contract is liable to be terminated.

**PRO-FORMA FOR SELF DECLARATION OF BLACK LISTING / HOLIDAY LISTING**

We hereby declared that we are not currently serving any holiday listing orders issued by NRL or MOPNG debarring us from carrying on business dealings with NRL/MOPNG or serving a banning order by another Oil PSE.

It is understood that any wrong declaration in this context shall make my agency / company liable for action under the Holiday Listing procedure of NRL.

\_\_\_\_\_  
**(SIGNATURE OF BIDDER)**

Date:

Place:

**COMPLIANCE TO BID REQUIREMENTS****Tender No: OC12000092/ASH****Subject: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CHLORIDE ANALYSER, DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER FOR QC LAB, NRL****Name of Bidder :**

We confirm that our bid complies to the total techno-commercial requirements of bidding document with the following deviation(s):

| Sl No | Page No of this Document | Deviation in brief (Details may be attached in separate sheets and may be mailed prior to pre-bid meeting) |
|-------|--------------------------|------------------------------------------------------------------------------------------------------------|
|       |                          |                                                                                                            |
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|       |                          |                                                                                                            |

Total Nos of deviations stated above .....

Deviations stated in other (..... Nos of) pages .....

---

**(SIGNATURE OF BIDDER)**

PROFORMA OF BANK GUARANTEE FOR INDIGENOUS PURCHASE  
(PERFORMANCE)

This deed of Guarantee made this .....day of ..... by .....(Name of the bank) Company registered under ..... and having its registered office at ..... and wherever the context so requires includes its successors and assigns (hereinafter called "The Surety") for the favour of M/s Numaligarh Refinery Limited, a company under Public Sector, registered under Indian Companies Act of 1956 having its registered office at 122A, GS Road, Christian Basti, Guwahati-781005 wherever the context so requires includes its successors and assigns (hereinafter called as "The Company").

WHEREAS

1. The Company has placed an Order No. .... Dated ..... (hereinafter referred to as "the order") with M/s ..... a company registered under Indian Companies Act 1956 having its registered office at ..... and whereas the context so requires includes its successors and assigns (hereinafter called or referred to as "the Supplier").

2. Under the terms of the order, the Supplier is required to furnish the Company at his own cost a Bank Guarantee for an amount of Rs. ...., being the amount equivalent to ... .. percentage of the total value of the order for fulfilling the contract.

3. The Surety at the request of the Suppliers, agreed to issue Bank Guarantee in terms of the said order on behalf of the Supplier and the Company has agreed to accept the same. It is hereby stipulated and agreed that the Supplier shall repair or replace free of cost Equipment, Machinery, its parts and components found defective on account of workmanship or defective material or inferior manufacturer, as mentioned in Warranty and Guarantee Clause of the Order for period of ..... from the date of commissioning/ installation OR from the date of delivery.

4. The Surety binds himself to pay to the extent of ..... Rs. .... in case of failure on the parts of the Supplier to perform this Guarantee provided the Company informs the Surety in writing to this effect.

5. Notwithstanding anything contained hereinafter the liability of the Surety in respect of this Guarantee is restricted to Rs. .... (Rupees ..... only) and it will remain in force till ..... This Guarantee will remain in force upto ..... in the first instance. However, if the contract for which this Guarantee is given is not completed or fully performed, the Surety (Bank) hereby agrees to further extend the Guarantee till such time as is required to fulfil the contract.

6. The Surety shall not be discharged or released from this Guarantee by any arrangement between the Company and the Supplier with or without the consent of the Surety or by any alteration in the obligation of the parties or by any indulgence, forbearance, whether as to payment, time performance or otherwise.

In witness whereof the said Surety Subscribed and set its name and seal hereupto ..... the day.

\*\*\*

## VENDOR DETAILS

Bidder is requested to furnish the following information/ details along with their un-priced offer:

1. Vendor name (mandatory):
2. Complete address (State -mandatory):
3. PIN Code (mandatory):
4. Telephone, Fax, mobile & e-mail:
5. GST No :
6. Micro/Small/Medium/ others/ no category (mandatory):
7. PAN No (mandatory)

\_\_\_\_\_  
(Bidder's Signature)

Stamp:

Date:

+++++

ON VENDOR's LETTER HEAD

To,  
GM (Commercial)  
Commercial Department  
Numaligarh Refinery Limited,  
Golaghat, Assam, Pin: 785699

Dear Sirs,

The following is a confirmation / updation of my bank account details and I hereby affirm my / our choice to opt for payment of amounts due to me under various contracts through electronic mode. I understand that Numaligarh Refinery Ltd. also reserves the right to send the payments due to me by a cheque / Demand Draft / electronic mode or through a banker.

### A. Supplier / Contractor Details

1. Supplier / Contractor Name (As per bank records)
2. Supplier / Contractor Code
3. Address(Including Pin Code)
4. P. A N. -.

5. E-mail ID

6. Contact Telephone Number

B. Particulars of Bank Account

1. Bank Name

2. Branch Name /branch code

3. Branch Address (incl Pin code)

4. 9 Digit MICR No. of Bank and Branch as appearing on the cheque

5. Account Type (Savings/Cash credit/Current)

6. Account Number (as appearing on cheque book)

7. IFSC Code of the Branch (For RTGS)

8. IFSC Code of the Branch (For NEFT)

I hereby confirm that the particulars given above are correct and complete and also undertake to promptly advise any changes to the above details to NRL. If the transaction is delayed or not effected for reasons of incomplete or incorrect information or banking delays, I shall not hold Numaligarh Refinery Limited responsible. I also agree for printing of the bank details on the cheque or DD if the payment is effected by cheque / DD.

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Name (in Capitals) of supplier / contractor

Authorised Signatory

Official Rubber Stamp

Date:

Note: 1. Bank details to be confirmed by the bankers. Such confirmation shall be duly signed & stamped by the bankers. PLEASE NOTE THAT IF THIS FORMAT IS EXTENDED TO NUMBER OF PAGES THEN SIGNATURE AND STAMP FROM YOUR BANKER IS REQUIRED IN ALL THE PAGES.

2. PLEASE ENCLOSE A PHOTOCOPY OF A CHEQUE (DULY CANCELLED AT YOUR END) FROM YOUR CHEQUE BOOK OF THE BANK WHERE YOUR ACCOUNT IS BEING MAINTAINED.

[For Micro and Small Enterprise (MSE) for passing benefit to MSE as per NIT]

**FORMAT FOR 'INDEMNITY BOND'**

(To be submitted in **Rs. 100 Stamp Paper**)

To,

GM (Commercial)  
Numaligarh Refinery Limited,  
Commercial Dept, Pankagrant,  
PO- NR Project, Dist – Golaghat  
PIN-785699, Assam.

We, M/s \_\_\_\_\_ having registered office at \_\_\_\_\_; hereby declare that we shall offer and supply the entire tender quantity against the Tender No. OC12000092/ASH for the job '**SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CHLORIDE ANALYSER, DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER FOR QC LAB, NRL**' from our plant / factory situated at \_\_\_\_\_, if awarded to us; which is having MSE certification.

Thanking You,

Yours faithfully,

Signature :

Full Name :

Designation :

Date :

Company Seal:

**Instructions for Online Bid Submission:**

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <https://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

**REGISTRATION**

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online Bidder Enrolment**” on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

**SEARCHING FOR TENDER DOCUMENTS**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

## **PREPARATION OF BIDS**

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

## **SUBMISSION OF BIDS**

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument. Bidder has to select the payment mode as offline and the instrument as bank guarantee in CPPP. There will be an URN no. in the receipt which is generated after successful payment of EMD via online payment (axis bank) gateway. Put the URN no. as instrument no., payment date as issue date, and put any date as expiry date in the CPPP and upload the receipt in the technical slot in the CPPP. It is mandatory to upload the receipt in the technical folder.
- 4) Bidder should prepare the EMD as per the instructions specified in the NIT of the tender document. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the prices bid have been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 9) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### **ASSISTANCE TO BIDDERS**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800-3070-2232.

\*\*\*\*\*

**PRICE BID UNDERTAKING**

From: (Full name and address of the Bidder) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

To,

Dear Sir/Madam,

I submit the Price Bid for \_\_\_\_\_ and related activities as envisaged in the Bid document.

2. I have thoroughly examined and understood all the terms and conditions as contained in the Bid document, and agree to abide by them.
3. I offer to work at the rates as indicated in the price Bid, inclusive of all applicable taxes except Service Tax.

Yours Faithfully,

Signature of authorized Representative:

**Schedule of price bid in the form of BOQ\_XXXX.xls**

The below mentioned Financial Proposal/Commercial bid format is provided as BoQ\_XXXX.xls along with this tender document at <http://eprocure.gov.in/eprocure/app> . Bidders are advised to download this BoQ\_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the commercial bid. **Bidder shall not tamper/modify downloaded price bid template in any manner.** In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with NRL.

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**TENDER ACCEPTANCE LETTER**

Appendix- C

(To be given on Company Letter Head)

Date:

To,

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Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: \_\_\_\_\_

Name of Tender / Work: -

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Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

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as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,  
(Signature of the Bidder, with Official Seal)

## **SPECIAL CONDITIONS OF CONTRACT**

### **(Applicable for Indian Bidders only)**

Tender No : OC12000092/ASH

#### **POLICY TO PROVIDE PURCHASE PREFERENCE (LINKED WITH LOCAL CONTENT) (PP-LC)**

MOP&NG has notified the purchase preference (linked with local content) for the procurement of goods and services under Oil & Gas Projects in India. Under this Policy, the bidders are allowed to avail the purchase preference linked with attaining the stipulated Local content.

NRL reserves the right to allow Manufacturers or Suppliers or Service providers, purchase preference as admissible under the prevailing policy, subject to their complying with the requirements/conditions defined herein and submitting documents required to support the same.

***In order to avail the Purchase preference under this policy, bidder shall achieve minimum Local Content (LC) as specified in the Table below.***

| Items                  | Local Content (%) |         |         |
|------------------------|-------------------|---------|---------|
|                        | 2017-18           | 2018-19 | 2020-22 |
| Service Contract       | 20%               | 22%     | 25%     |
| Supply Contracts       | 20%               | 22%     | 25%     |
| EPC Contracts (Others) | 30%               | 35%     | 40%     |

#### ***The Policy shall be implemented in the following manner:***

- a) In case the lowest (L1) bidder meets the stipulated LC criteria, the order shall be awarded to such bidder.
- b) In case none of the bidders meets the stipulated LC criteria, the order shall be awarded to the lowest bidder.
- c) In case the lowest bidder does not meet the stipulated LC criteria, the bidders shall be ranked in the ascending order of evaluated prices and next bidder meeting minimum stipulated LC and with his evaluated price within a price band of (+) 10% of lowest bidder's evaluated price, shall be given opportunity to supply 50% of the requirement by matching the lowest bidder's evaluated price. However, if 50% quantity works out to a fraction of quantity, the bidder shall be considered for next higher quantity. In case the quantity cannot be split, the order shall be placed with the entire quantity.
- d) In case there are more than one bidder within the price band of (+) 10% of lowest bidder's evaluated price, they shall be ranked in ascending order of their evaluated prices. The opportunity of matching the price shall be accorded starting from the lowest bidder out of these bidders and in case of his refusal, to the next bidder, and so on.
- e) In case none of the bidders who meet the stipulated LC criteria agree to match the lowest price, the natural lowest bidder will be awarded the job.

f) The option in case of MSE bidders qualifying under both Policies, namely, Purchase Preference under the Public Procurement Policy - 2012 (PPP - 2012) from MSE bidders and Purchase Preference Linked with Local Content (PP-LC 2017) shall be exercised as under:

i) The MSE bidder can avail only one out of the two applicable purchase preference policies, i.e. PP-LC 2017 or PPP-2012 and therefore, bidder will be required to furnish the option under which he desires to avail purchase preference. This option must be declared within the offer and in case bidder fails to do so although he is eligible for both the Policies, his offer would be evaluated considering PPP-2012 as the default chosen option.

In case a MSE bidder opts for preference under PPP-2012, he shall not be eligible to claim benefit under PP-LC 2017 (irrespective of the fact whether he furnishes the detail of LC in his offer and this LC meets the stipulated LC criteria).

ii) In case a MSE bidder opts for purchase preference based on PP-LC 2017, he shall not be entitled to claim benefit of purchase preference benefit as applicable for MSE bidders under PPP-2012. However, the exemptions from furnishing Bidding Document fee and Bid security shall continue to be available to such a bidder.

g) In view of the above, the bidder's quoted prices against various items of enquiry shall remain valid even in case of splitting of quantities of the items, except in case of items where the quantity cannot be split since these are to be awarded in a Lot or as a package or Group.

h) While evaluating the bids, for price matching opportunities and distribution of quantities among bidders, the order of precedence shall be as under :

- MSE bidder (PPP-2012)
- PP-LC complied bidder (PP - LC)

### **Examples of Purchase Preference**

#### **Non divisible item:**

L1 bidder is non MSE, non PP-LC bidder

L2 bidder is PPC-LC (within 10%)

L3 bidder is MSE bidder (within 15%)

MSE bidder shall be given preference to match the L1 price. If L3 bidder matches the L1 price, order shall be placed on him; otherwise option for matching the L1 price shall be given to L2 bidder (PP-LC)

#### **Divisible Item:**

L1 bidder is non MSE, non PP-LC bidder

L2 bidder is PP-LC (within 10%)

L3 bidder is MSE bidder (within 15%)

MSE bidder shall be given preference to match the L1 price. If bidder matches the L1 price, order shall be placed on him for the quantity specified in the bidding document. For the balance quantity (i.e. 50% of tendered quantity/value) option for matching the L1 price shall be given to L2 bidder (PP-LC) Balance quantity shall be awarded to natural lowest bidder.

For further clarification, in case an item has quantity 4 nos. then 1 no. can be given to MSE bidder, 2 to PP-LC bidder and left out 01 no. to natural L1 bidder.

i) In case lowest bidder is a MSE bidder, the entire work shall be awarded to him without resorting to purchase preference to bidders complying with Local Content.

j) In case lowest bidder is a PP-LC bidder purchase preference shall be resorted to MSE bidder as per provisions specified in the enquiry document w.r.t. PPP-2012 only.

**k) Certification of Local Content**

Manufacturers of goods and/or providers of service, seeking Purchase Preference under the policy, shall be obliged to certify the LC of goods, services or EPC contracts as under:

**At bidding stage**

Bidder shall furnish the percentage of the local content, taking into account the factors and criteria listed out in the policy. These details shall be required only at aggregate level like supply value, transport value and other heads given in the price schedule.

**The bidder claiming the PP-LC benefit shall be required to furnish an undertaking on bidder's letterhead confirming his meeting the Local Content and this undertaking shall be certified as under:**

- Where the total quoted value is less than INR 5 Crore –

The LC content shall be self assessed and certified by the authorized signatory of the bidder signing the bid.

- Where the total quoted value is INR 5 Crore or above –

i. The Proprietor and an independent Chartered Accountant, not being an employee of the firm, in case of a proprietorship firm.

ii. Any one of the partners and an independent Chartered Accountant, not being an employee of the firm in case of a partnership firm.

iii. Statutory auditors in case of a company. However, where statutory auditors are not mandatory as per laws of the country, where bidder is registered, an independent chartered accountant, not being an Employee of the bidder's organization.

Note:

1. Sample formats for calculation of LC are given below as Table 1 (for Supply Contracts), Table 2 (for Service Contract), Table 3 [for EPC Contracts (Others)] .

2. LC of goods shall be computed on the basis of the cost of domestic components in goods, compared to the whole cost of product. The whole cost of product shall be constituted of the cost spent for the production of goods, covering: direct component (material) cost; direct manpower cost; factory overhead cost and shall exclude profit, company overhead cost and taxes for the delivery of goods.

***The onus of submission of appropriately certified documents lies with the bidder and the purchaser shall not have any liability to verify the contents and will not be responsible for the same. However, in case the procuring company has any reason to doubt the***

***authenticity of the Local Content, it reserves the right to obtain the complete back up calculations before award of work failing which the bid shall be rejected.***

**After award of contract:**

- Where the estimated value is less than INR 5 Crore:

The LC certificate shall be submitted along with each invoice duly self-certified by the authorized signatory of the bidder

- Estimated value is INR 5 Crore or above:

Supplier shall provide the necessary local content documentation to the statutory auditor, who shall review and determine that local content requirements have been met, and issue a local content certificate to that effect on behalf of procuring company, stating the percentage of local content in the goods or service measured.

***However, procuring company shall also have the authority to audit as well as witness production processes to certify the achievement of the requisite local content and/or to obtain the complete back up calculation before award of work failing which the bid shall be rejected and appropriate action may be initiated against the bidder.***

**Failure of bidder in complying with the local content post award:**

In case a bidder, who has specified in his bid that the bid meets the minimum Local Content specified in the enquiry document, fails to achieve the same, the following actions shall be taken by the procuring company:

- a. Pre-determined penalty @ 10% of total contract value
- b. Banning business with the supplier/contractor for a period of one year.

To ensure the recovery of above pre-determined penalty, payment against dispatch/shipping document shall be modified to the extent that the 10% payment out of this milestone payment shall be released after completion of this milestone as well as submission of certification towards achievement of Local Content as per provision of enquiry document. Alternatively, this payment can be released against submission of additional bank guarantee valid till completion schedule, plus 3 months or as required by purchasing company.

**Purchase Preference in case where Negotiation is also required:**

In case purchase preference is applicable, but negotiation is to be conducted with L1 bidder, negotiation shall be carried out. MSE and/or LC complied bidder shall be offered to match the negotiated prices (even if, post negotiation, they are higher by more than 10% as compared to L1 bidder provided they were within 10% of L1 bidder as per original quoted prices) and left out quantity, if any, as per provisions of enquiry document shall be awarded to that bidder.

**Table 1: CALCULATION OF LOCAL CONTENT – SUPPLY CONTRACTS (GOODS)**

| Name of Manufacturer      | Calculation of manufacturer Cost per ne unit of Product |                         |                        |                      |
|---------------------------|---------------------------------------------------------|-------------------------|------------------------|----------------------|
| Cost Component            | Cost (Domestic Component)                               | Cost (Imported Content) | Cost Total<br>Rs./US\$ | % Domestic Component |
|                           | a                                                       | b                       | c = a+b                | d = a/c              |
| I. Direct Material Cost   |                                                         |                         |                        |                      |
| II. Direct Labour Cost    |                                                         |                         |                        |                      |
| III. Factory Overhead     |                                                         |                         |                        |                      |
| IV. Total Production Cost |                                                         |                         |                        |                      |

**Note :**

$$\% \text{ LC Goods} = \frac{\text{Total Cost (IV.c)} - \text{Total imported component cost (IV.b)} \times 100}{\text{Total cost (IV.c)}}$$

$$\% \text{ LC Goods} = \frac{\text{Total Domestic component cost (IV.a)} \times 100}{\text{Total cost (IV,c)}}$$

**Table 2: CALCULATION OF LOCAL CONTENT – SERVICE CONTRACTS**

| NAME OF SUPPLIER OF GOODS/PROVIDER OF SERVICE |                                                |                     |              |                      |       |       |          |
|-----------------------------------------------|------------------------------------------------|---------------------|--------------|----------------------|-------|-------|----------|
|                                               |                                                |                     | Cost Summary |                      |       |       |          |
|                                               |                                                |                     | Domestic     | Imported<br>Rs./US\$ | Total | LC    |          |
|                                               |                                                |                     |              |                      |       | %     | Rs./US\$ |
|                                               |                                                |                     | b            | c                    | d     | e=b/d | f=d X e  |
| <b>A</b>                                      | <b>Cost Component</b>                          |                     |              |                      |       |       |          |
|                                               | <b>I. Material Used Cost</b>                   | <b>Rs.<br/>US\$</b> |              |                      |       |       |          |
|                                               | <b>II. Personnel &amp;<br/>Consultant Cost</b> | <b>Rs.<br/>US\$</b> |              |                      |       |       |          |
|                                               | <b>III Other services cost</b>                 | <b>Rs.<br/>US\$</b> |              |                      |       |       |          |
|                                               | <b>IV Total Cost ( I to IV)</b>                | <b>Rs.<br/>US\$</b> |              |                      |       |       |          |
| <b>B</b>                                      | <b>Taxes and Duties</b>                        | <b>Rs.<br/>US\$</b> |              |                      |       |       |          |
| <b>C</b>                                      | <b>Total Quoted Price</b>                      | <b>Rs.<br/>US\$</b> |              |                      |       |       |          |

$$\% \text{ LC Service} = \frac{\text{Total Cost (A. IV.d)} - \text{Total imported component cost (A. IV.c)}}{\text{Total cost (A. IV.d)}} \times 100$$

$$\% \text{ LC Service} = \frac{\text{Total domestic component cost (A. IV.b)}}{\text{Total cost (A. IV.d)}} \times 100$$

**Table 3: CALCULATION OF LOCAL CONTENT – EPC (GOODS & SERVICES)**

| A  | Cost Component (Rs./US\$)      | Cost Summary |                      |          |              |                |
|----|--------------------------------|--------------|----------------------|----------|--------------|----------------|
|    |                                | Domestic     | Imported<br>Rs./US\$ | Total    | LC           |                |
|    |                                |              |                      |          | %            | Rs./US\$       |
|    |                                | <b>b</b>     | <b>c</b>             | <b>d</b> | <b>e=b/d</b> | <b>f=d X e</b> |
| I  | GOODS                          |              |                      |          |              |                |
| 1  | Material used cost             |              |                      |          |              |                |
| 2  | Equipment cost                 |              |                      |          |              |                |
| 3  | Sub Total I                    |              |                      |          |              |                |
| II | SERVICES                       |              |                      |          |              |                |
| 1  | Personnel & Consultant Cost    |              |                      |          |              |                |
| 2  | Equipment & Work Facility Cost |              |                      |          |              |                |
| 3  | Construction/Fabrication Cost  |              |                      |          |              |                |
| 4  | Other Services Cost etc.       |              |                      |          |              |                |
| 5  | Sub Total II                   |              |                      |          |              |                |
|    | TOTAL COST OF GOODS + SERVICES |              |                      |          |              |                |
| B  | Non Cost Component             |              |                      |          |              |                |
| C  | Total Quoted Price             |              |                      |          |              |                |

$$\% \text{ LC Combination} = \frac{\text{Total domestic component cost of goods (A.I.3.b) + Total domestic component cost of service (A.II.5.b)}}{\text{Total Cost (A. III .d)}}$$

**SPECIAL INSTRUCTIONS TO BIDDERS (SIB)**  
**(Tender No: OC12000092/ASH)**

**1.0 COMMERCIAL LOADING/ REJECTION OF OFFERS IN CASE OF DEVIATIONS TO COMERCIAL TERMS & CONDITIONS:**

**1.1 Performance Bank Guarantee (PBG):**

In case a supplier offers to give a PBG for less than 10% of order value, or for a lesser period than what is specified in ATC of the Tender, loading shall be done for the differential amount and/ or the differential period.

For differential period/ amount loading, the following example will amplify the methodology (if Tender specifies 10% PBG for 24+6=30 months):

**In case of differential period:**

| Description       | Loading                      |
|-------------------|------------------------------|
| 10% for 27 months | No loading                   |
| 10% for 24 months | $10\% \times 3/27 = 1.11\%$  |
| 10% for 18 months | $10\% \times 9/27 = 3.33\%$  |
| 10% for 12 months | $10\% \times 15/27 = 5.56\%$ |
| 10% for 6 months  | $10\% \times 21/27 = 7.78\%$ |
| No PBG            | 10 %                         |

**In case of Differential Amount:**

| Description                            | Loading                                             |
|----------------------------------------|-----------------------------------------------------|
| Amount Offered by Bidder 10%           | No loading                                          |
| Amount Offered by Bidder Less than 10% | Differential between the offered percentage and 10% |

**1.2 Price Reduction Clause for Delayed Delivery:**

| Description                                                                       | Loading    |
|-----------------------------------------------------------------------------------|------------|
| ½% of Delayed Order Value (DOV) up to maximum of 5% of Total Order Value (TOV).   | No loading |
| ½% of Delayed Order Value (DOV) up to maximum of 5% of Delayed Order Value (DOV). | 2.5%       |
| Other than the above 5%                                                           | 5%         |

### 1.3 **Third Party Inspection (TPI) Inspection**

Arrangement of TPI is in supplier's scope. Bidder to quote for the same in **BOQ**. In case supplier does not accept TPI in their scope, their offer shall be considered as incomplete and will be liable for rejection.

### 1.4 **TRANSPORTATION**

Arrangement of Transportation up to NRL Site is in supplier's scope. Bidder to quote freight charge Extra in **BOQ**. In case supplier does not accept Transportation up to NRL Site in their scope, their offer shall be considered as incomplete and will be liable for rejection.

### 1.5 **TRANSIT RISK INSURANCE:**

Arrangement of Transit Insurance up to NRL Site, Numaligarh is in supplier's scope. Bidder to quote for the same in **BOQ**. In case bidder does not accept Transit Risk Insurance in their scope, their offer shall be loaded with maximum transit insurance charge quoted by other Indian bidder.

### 1.6 **Validity of Offer:**

- 1.6.1 Bid submitted by bidder shall remain firm and valid up to 120 days from the final bid due date.
- 1.6.2 In case bidder offer's shorter validity and seeks to revise prices on being asked to extend the validity to meet validity requirement as per Tender, their offer shall be rejected.
- 1.6.3 In case bidder offers shorter validity and does not extend the validity against CQ, the offer shall be liable for rejection.

## 2.0 **EVALUATION CRITERIA FOR COMPARISON OF BIDS**

- a) Tender shall be evaluated on '**ITEM WISE LOWEST BASIS**'. Comparison shall be made against the final Landing Costs at NRL Site.
- b) Bids shall be evaluated on the basis of landed cost at Site including P&F, TPI, Transportation & Transit Insurance Charge & GST
- c) Commercial loading shall be included for evaluation of bids. Loading for commercial deviations shall be done on FOT dispatch Point price.
- d) During evaluation, bidders to note that in case a bidder turns out to be successful for item having marginal value, then NRL at its discretion may shift the item to a party whose price difference with the L1 landed cost is minimum.

## 4.0 **PRICE IMPLICATIONS NOT PERMITTED:**

- 4.1 Any increase/ decrease in price submitted by Supplier after submission of offer without any query will be treated as unsolicited.
- 4.2 No Price implication shall be permitted against technical / commercial queries, which are clarificatory in nature without involving any change in scope / specifications of the Tender. In case any bidder gives Price increase, the bidder shall be advised to withdraw such price increase, and if the vendor does not accept to withdraw price increase, his bid for corresponding item will be rejected.
- 4.3 In case of unsolicited price decrease, the bidder's offer shall be compared as per originally quoted prices and if the bidder happens to be the successful bidder, the decrease in prices shall be taken into account for ordering.

**5.0 DISCREPANCY IN BID PRICING:**

- a) Bidder must ensure submission of prices without any Correction / Insertion / Omission with signature in original on the priced sheet(s) of the original bid. Bidder to specify total bid price, wherever applicable, in figure as well as in words.
- b) In case of discrepancy in price entered in figures and in words in BOQ; quoted entered in words shall prevail for evaluation and ordering.

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**SPECIAL CONDITIONS FOR MICRO AND SMALL ENTERPRISES (MSEs) BIDDERS :**

With reference the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order 2012 notified by the Government under the Micro, Small and Medium Enterprise Development Act, 2006; notification S.O. 5670(E), dtd. 9th November, 2018, Ministry of MSME letter D.O. No. 21(8)/2018-MA dated 13<sup>th</sup> November, 2018 , MoP&NG letter ref. No. J-25011/35/2016-Gen dated 15 November, 2018 and letter F.No. 21(3)/2016-MA dated 7<sup>th</sup> May,2018 from Office of the Development Commissioner M/o MSME; Micro and Small Enterprises (MSEs) shall be entitled for benefits, subject to terms and conditions as under:

**A. Qualifying Criteria for MSE Bidder:**

- (i) MSE bidder has to mandatorily submit copy of MSE registration document (i.e. Udyog Adhaar Memorandum (UAM) or Entrepreneurs Memorandum (EM Part-II)) from any of the following body :-
  - National Small Industries Corporation (NSIC)
  - District industries Centers( DICs)
  - Coir Board
  - Khadi and Village Industries Commission(KVIC)
  - Khadi and Village Industries Board(KVIB)
  - Directorate of Handicrafts and Handloom
  - Udyog Adhaar Acknowledgment / Udyog Adhaar Memorandum issued by MoMSME
  - Any other body specified by the Ministry of MSME (MoMSME)
- (ii) If the bidder fails to submit MSE registration certificate mentioned above in the original tender, the bidder shall not be considered for evaluation as MSE.
- (iii) The MSE registration shall be valid as on date of placement of order
- (iv) The registration must be for the items/category of items/services relevant to the tendered items/category of items /services

**B. Additional Qualifying Criteria for SC/ST MSE Bidder:**

Definition of MSEs owned by SC/ST shall be as stated below:

- In case of proprietary MSE, proprietors(s) shall be SC/ST
- In case of partnership MSE, the SC/ST partners shall be holding at least 51 % shares in the unit
- In case of Private Limited Companies, at least 51 % share shall be held by SC/ST promoters.

In order for MSE owned by SC/ST Entrepreneurs to qualify for benefits available under Public Procurement Policy for MSEs order 2012 to SC/ST Entrepreneurs, the MSE shall additionally submit the following:-

- In case of a proprietorship firm, the name and address of proprietor, and certified copy of Bank Account Details or Cancelled Cheque.
- In case bidder is a partnership firm, certified copy of the partnership deed.
- In case of company (whether private or public), certified copy of the 'Certificate of Incorporation' together with certified copy of Memorandum/Articles of Association.
- Notarized copy of a relevant SC/ ST certificate in the name of SC/ ST proprietor or partner(s) holding minimum 51% shares in case of partnership or person(s) holding minimum 51% shares in limited companies, issued by any of the following:-
  - District Magistrate/ Additional District Magistrate/ Collector/ Deputy Commissioner/ Deputy Collector/ Ist Class Stipendiary Magistrate/ City Magistrate/ Sub-Divisional Magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).
  - Chief Presidency Magistrate/ Additional Chief Presidency Magistrate/ Presidency Magistrate.
  - Revenue Officers not below the rank of Tehsildar
  - Sub-Divisional Officer of the area where the candidate and/ or his family normally resides.
  - Administrator/ Secretary to Administrator/ Development Officer (Lakshdweep Islands).

#### **C. Additional Qualifying Criteria for MSE Bidders owned by Women Entrepreneurs:**

Micro & Small Enterprises shall be considered as owned by Women Entrepreneurs as per the below definition:

- In case of proprietary MSE, proprietor should be Women.
- In case of partnership MSE, the Women partner(s) should be holding at least 51% shares in the unit.
- In case of Limited companies, at least 51% share should be held by Women shareholder(s).

In order for MSE owned by Women Entrepreneurs to qualify for benefits available under Public Procurement Policy for MSEs order 2012 to Women Entrepreneurs, the MSE shall additionally submit notarized copy of the following:

- In case of a proprietorship firm, the name and address of proprietor, and certified copy of Bank Account Details or Cancelled Cheque.
- In case bidder is a partnership firm, certified copy of the partnership deed.
- In case of company (whether private or public), certified copy of the 'Certificate of Incorporation' together with certified copy of Memorandum/Articles of Association.
- Self-certification by the women owner declaring herself as women owner of the MSE

#### **D. Benefits Under The Public Procurement Policy for Micro and Small Enterprises (MSEs) Order 2012**

**1. Issue of Tender Sets Free of Cost**

All Tenders shall be provided free of cost and tender documents are downloadable from the Central Public Procurement Portal (CPPP) <http://eprocure.gov.in/eprocure/app> or can be obtained from the Office of General Manager (Commercial). Tenders are also published in NRL Website [www.nrl.co.in](http://www.nrl.co.in).

**2. Exemption from payment of EMD (Earnest Money Deposit)**

MSE units meeting the qualifying criteria (point A above) shall be exempted from paying EMD if EMD is applicable against the tender.

**3. Price preference for MSE Bidder:**

- i) In tender, participating Micro and Small Enterprises quoting price within price band of L1+15% per cent shall also be allowed to supply a portion of requirement by bringing down the price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply up to 25 percent of total tendered value.

In case of more than one such Micro and Small Enterprise, the supply shall be shared proportionately (to tendered quantity)

- ii) In case of tender item is non-splittable or non-dividable, etc. MSE quoting price within price band L1+15% may be awarded for full/complete supply of total tendered value to MSE, considering spirit of policy for enhancing the Government procurement from MSE, provided they agree to bring down their price to L1 price.

- iii) NRL reserves the right to allow micro and small enterprises as well as MSEs owned by SC/ST entrepreneur and MSEs owned by Women, purchase preference as admissible under the prevailing procurement policy for MSEs.

**iv) For Supply of Goods only:**

- The quantity against the item(s) of tender may be split to enable ordering of 25% quantity against the item(s) of tender to MSE bidder(s) within the price range of L1 bidder's evaluated price + 15% subject to their matching L1 bidder's price.
- The quoted prices by bidders against various items of tender shall remain valid in case of splitting of quantities to MSE bidder.
- Out of this 25% allocation for MSEs, 4% shall be to MSEs owned by SC/ ST entrepreneurs. However, in event of failure of MSEs owned by SC/ ST entrepreneurs to participate in the bidding process or meet the tender requirements and L1 price, 4% will be met from other MSEs.
- Additionally, out of above 25% allocation to MSEs, 3% shall be to MSEs owned by Women. However, in event of failure of MSEs owned by Women to participate in the bidding process or meet the tender requirements and L1 price, 3% will be met from other MSEs.
- While granting purchase preference as above, procurement of goods may include certain small work, or some services, which are incidental or consequential to

supply of such goods such as transportation, insurance, installation, commissioning, training & maintenance.

Clarification:

- *In case where quantity against a line item cannot be split (i.e., minimum 25% to MSEs) or items with single quantity or in grouped item, the complete line item/ group shall be awarded on MSE bidder within the price range of L1 bidder's evaluated price + 15% subject to their matching L1 bidder's price.*
- *In case, quantity(ies) against an item/ group cannot be split among MSEs, first opportunity shall be given to*
  - *MSEs owned by Women*
  - *then to MSEs owned by SC/ ST entrepreneurs, and*
  - *lastly to other MSEs, within the price range of L1 non-MSE bidder's evaluated price + 15%.*
- *In cases where MSE bidder in order of preference indicated above refuses to accept the L1 price, opportunity shall be provided to the other bidders in order of preference and so on.*

**v) For Services only:**

- *The complete scope of Services shall be awarded on MSE bidder within the price range of L1 bidder's evaluated price + 15%, subject to their matching L1 bidder's price.*
- *In case, besides general MSEs, MSEs owned by SC/ ST and/ or MSEs owned by Women are within the price range of L1 bidder's evaluated price + 15%, first opportunity shall be given to*
  - *MSEs owned by Women*
  - *then to MSEs owned by SC/ ST entrepreneurs, and*
  - *lastly to other MSEs, within the price range of L1 non-MSE bidder's evaluated price + 15%.*
- *In cases where MSE bidder in order of preference indicated above refuses to accept the L1 price, opportunity shall be provided to the other bidders in order of preference indicated above.*

**vi)** In case purchase preference is applicable, but negotiation is to be conducted with L1 bidder, negotiation shall be carried out. Price range within 15% shall be considered for MSE bidders based on the original prices of L1 bidder not on the negotiated prices. However, MSE bidder shall be offered to match the negotiated prices (even if, post negotiation, they are higher by more than 15% as compared to L1 bidder provided they were within 15% of L1 bidder as per original quoted prices).

**E. Relaxation of Past Tract Record (PTR) for MSEs and Start ups**

- The Pre-Qualification Criteria (PQC) related to prior turnover and prior experience of the bidder will be relaxed if the bidder is Micro and Small Enterprises or Startups and meets the quality and technical specifications described in the tender, subject to submission of valid supporting documents by the bidder.

- This waiver of prior turnover and prior experience will not be applicable for items related to public safety, health, critical security operation and equipment's etc.
- If PTR for MSEs is not completely waived off but proposed to relax the same up to certain extent compared to PQC set for other non MSE bidders, in such cases, prior experience may be partially relaxed, however, prior turnover will remain waived off.

#### **F. Applicability of the Policy**

- i) For a participating bidder, MSE status shall be considered for purchase preference in respect to procurement of goods and services only, if the vendor is registered as MSE for the tendered category of goods / service
- ii) Policy meant for procurement of only goods produced and service rendered by MSEs. However, traders /resellers /distributors /authorized agents will not be considered for availing benefits under Public Procurement Policy 2012 for MSEs
- iii) Public Procurement Policy is applicable for supply of goods and services. Works contract is not covered under the PP Policy for MSME. Accordingly, the clause D 3 (Price preference for MSE bidder) and clause E (Relaxation of past track record (PTR) for MSEs and Startups) as mentioned above will not be extended to works contracts.
- iv) The provisions for MSE bidders mentioned in this document shall be applicable for limited enquiries as well as NITs.

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**LIST OF ITEMS RESERVED FOR PURCHASE FROM SMALL SCALE INDUSTRIAL UNITS**  
**INCLUDING HANDICRAFT SECTOR**

- |                                                                                                                                            |                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. AAC/and ACSR Conductor up to 19 strands                                                                                                 | 2. Agricultural Implements<br>(a) Hand Operated tools and implements<br>(b) Animal driven implements                                                       |
| 3. Air/Room Coolers                                                                                                                        | 4. Aluminum builder's hardware                                                                                                                             |
| 5. Ambulance stretcher                                                                                                                     | 6. Ammeters/ohm meter/Volt meter (Electro magnetic upto Class I accuracy)                                                                                  |
| 7. Anklets Web Khaki                                                                                                                       | 8. Augur (Carpenters)                                                                                                                                      |
| 9. Automobile Head lights Assembly                                                                                                         | 10. Badges cloth embroidered and metals                                                                                                                    |
| 11. Bags of all types i.e. made of leather, cotton, canvas and jute etc. including kit bags, mail bags, sleeping bags and water-proof bag. | 12. Bandage cloth                                                                                                                                          |
| 13. Barbed Wire                                                                                                                            | 14. Basket cane (Procurement can also be made from State Forest Corpn. and State Handicrafts Corporation)                                                  |
| 15. Bath tubs                                                                                                                              | 16. Battery Charger                                                                                                                                        |
| 17. Battery Eliminator                                                                                                                     | 18. Beam Scales (upto 1.5 tons)                                                                                                                            |
| 19. Belt leather and straps                                                                                                                | 20. Bench Vices                                                                                                                                            |
| 21. Bituminous Paints                                                                                                                      | 22. Blotting Paper                                                                                                                                         |
| 23. Bolts and Nuts                                                                                                                         | 24. Bolts Sliding                                                                                                                                          |
| 25. Bone Meal                                                                                                                              | 26. Boot Polish                                                                                                                                            |
| 27. Boots and Shoes of all types including canvas shoes                                                                                    | 28. Bowls                                                                                                                                                  |
| 29. Boxes Leather                                                                                                                          | 30. Boxes made of metal                                                                                                                                    |
| 31. Braces                                                                                                                                 | 32. Brackets other than those used in Railways                                                                                                             |
| 33. Brass Wire                                                                                                                             | 34. Brief Cases (other than moulded luggage)                                                                                                               |
| 35. Brooms                                                                                                                                 | 36. Brushes of all types                                                                                                                                   |
| 37. Buckets of all types                                                                                                                   | 38. Button of all types                                                                                                                                    |
| 39. Candle Wax Carriage                                                                                                                    | 40. Cane Valves/stock valves (for water fittings only)                                                                                                     |
| 41. Cans metallic (for milk and measuring)                                                                                                 | 42. Canvas Products :<br>(a) Water Proof Deliver, Bags to spec. No. IS - 1422/70<br>(b) Bonnet Covers and Radiators Muff. to spec. Drg. Lv 7/NSN/IA/130295 |
| 43. Capes Cotton and Woollen                                                                                                               | 44. Capes Waterproof                                                                                                                                       |
| 45. Castor Oil                                                                                                                             | 46. Ceiling roses upto 15 amps                                                                                                                             |
| 47. Centrifugal steel plate blowers                                                                                                        | 48. Centrifugal Pumps suction and delivery 150 mm. x 150 mm                                                                                                |
| 49. Chaff Cutter Blade                                                                                                                     | 50. Chains lashing                                                                                                                                         |
| 51. Chappals and sandals                                                                                                                   | 52. Chamois Leather                                                                                                                                        |
| 53. Chokes for light fitting                                                                                                               | 54. Chrome Tanned leather (Semi-finished                                                                                                                   |

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| 55. Circlips                                                                                                                                                          | Buffalo and Cow)                                                                                                                                           |
| 57. Cleaning Powder                                                                                                                                                   | 56. Claw Bars and Wires                                                                                                                                    |
| 59. Cloth Covers                                                                                                                                                      | 58. Clinical Thermometers                                                                                                                                  |
| 61. Cloth Sponge                                                                                                                                                      | 60. Cloth Jaconet                                                                                                                                          |
| 63. Coir mattress cushions and matting                                                                                                                                | 62. Coir fibre and Coir yarn                                                                                                                               |
| 65. Community Radio Receivers                                                                                                                                         | 64. Coir Rope hawserlaid                                                                                                                                   |
| 67. Copper nail                                                                                                                                                       | 66. Conduit pipes                                                                                                                                          |
| 69. Copper sulphate                                                                                                                                                   | 68. Copper Napthenate                                                                                                                                      |
| 71. Cordage Others                                                                                                                                                    | 70. Cord Twine Maker                                                                                                                                       |
| 73. Cotton Absorbent                                                                                                                                                  | 72. Corrugated Paper Board and Boxes                                                                                                                       |
| 75. Cotton Carriers                                                                                                                                                   | 74. Cotton Belts                                                                                                                                           |
| 77. Cotton Cord Twine                                                                                                                                                 | 76. Cotton Cases                                                                                                                                           |
| 79. Cotton Packs                                                                                                                                                      | 78. Cotton Hosiery                                                                                                                                         |
| 81. Cotton Ropes                                                                                                                                                      | 80. Cotton Pouches                                                                                                                                         |
| 83. Cotton Sling                                                                                                                                                      | 82. Cotton Singlets                                                                                                                                        |
|                                                                                                                                                                       | 84. Cotton Straps                                                                                                                                          |
| 85. Cotton tapes and laces                                                                                                                                            | 86. Cotton Wool (Non absorbent)                                                                                                                            |
| 87. Crates Wooden and plastic                                                                                                                                         | 88. (a) Crucibles upto No. 200                                                                                                                             |
|                                                                                                                                                                       | (b) Crucibles Graphite upto No. 500                                                                                                                        |
|                                                                                                                                                                       | (c) Other Crucibles upto 30 kgs.                                                                                                                           |
| 89. Cumblies and blankets                                                                                                                                             | 90. Curtains mosquito                                                                                                                                      |
| 91. Cutters                                                                                                                                                           | 92. Dibutyl phthalate                                                                                                                                      |
| 93. Diesel engines upto 15 H.P                                                                                                                                        | 94. Dimethyl Phthalate                                                                                                                                     |
| 95. Disinfectant Fluids                                                                                                                                               | 96. Distribution Board upto 15 amps                                                                                                                        |
| 97. Domestic Electric appliances as per BIS Specifications:- Toaster Electric, Elect. Iron, Hot Plates, Elect. Mixer, Grinders, Room heaters and convectors and ovens | 98. Domestic (House Wiring) P.V.C. Cables and Wires (Aluminum) Conforming to the prescribed BIS Specifications and upto 10.00 mm sq. nominal cross section |
| 99. Drawing and Mathematical Instruments                                                                                                                              | 100. Drums and Barrels                                                                                                                                     |
| 101. Dust Bins                                                                                                                                                        | 102. Dust Shield leather                                                                                                                                   |
| 103. Dusters Cotton all types except the items required in Khadi                                                                                                      | 104. Dyes :                                                                                                                                                |
|                                                                                                                                                                       | (a) Azo Dyes (Direct and Acid)                                                                                                                             |
|                                                                                                                                                                       | (b) Basic Dyes                                                                                                                                             |
| 105. Electric Call bells/buzzers/door bells                                                                                                                           | 106. Electric Soldering Iron                                                                                                                               |
| 107. Electric Transmission Line Hardware items like steel cross bars, cross arms clamps arching horn, brackets, etc                                                   | 108. Electronic door bell                                                                                                                                  |
| 109. Emergency Light (Rechargeable type)                                                                                                                              | 110. Enamel Wares and Enamel Utensils                                                                                                                      |
| 111. Equipment camouflage Bamboo support                                                                                                                              | 112. Exhaust Muffler                                                                                                                                       |
| 113. Expanded Metal                                                                                                                                                   | 114. Eyelets                                                                                                                                               |
| 115. Film Polythene - including wide width film                                                                                                                       | 116. Film spools and cans                                                                                                                                  |
| 117. Fire Extinguishers (wall type)                                                                                                                                   | 118. Foot Powder                                                                                                                                           |

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| 119. French polish                                                                                                       | 120. Funnels                                                                    |
| 121. Fuse Cut outs                                                                                                       | 122. Fuse Unit                                                                  |
| 123. Garments (excluding supply from Indian Ordnance Factories)                                                          | 124. Gas mantels                                                                |
| 125. Gauze cloth                                                                                                         | 126. Gauze surgical all types                                                   |
| 127. Ghamellas (Tasllas)                                                                                                 | 128. Glass Ampules                                                              |
| 129. Glass and Pressed Wares                                                                                             | 130. Glue                                                                       |
| 131. Grease Nipples and Grease guns                                                                                      | 132. Gun cases                                                                  |
| 133. Gun Metal Bushes                                                                                                    | 134. Gumpape                                                                    |
| 135. Hand drawn carts of all types                                                                                       | 136. Hand gloves of all types                                                   |
| 137. Hand Lamps Railways                                                                                                 | 138. Hand numbering machine                                                     |
| 139. Hand pounded Rice (polished and unpolished)                                                                         | 140. Hand presses                                                               |
| 141. Hand Pump                                                                                                           | 142. Hand Tools of all types                                                    |
| 143. Handles wooden and bamboo (Procurement can also be made from State Forest Corpn. and State Handicrafts Corporation) | 144. Harness Leather                                                            |
| 145. Hasps and Staples                                                                                                   | 146. Haver Sacks                                                                |
| 147. Helmet Non-Metallic                                                                                                 | 148. Hide and country leather of all types                                      |
| 149. Hinges                                                                                                              | 150. Hob nails                                                                  |
| 151. Holdall                                                                                                             | 152. Honey                                                                      |
| 153. Horse and Mule Shoes                                                                                                | 154. Hydraulic Jacks below 30 ton capacity                                      |
| 155. Insecticides Dust and Sprayers (Manual only)                                                                        | 156. Invalid wheeled chairs.                                                    |
| 157. Invertor domestic type upto 5 KVA                                                                                   | 158. Iron (dhobi)                                                               |
| 159. Key board wooden                                                                                                    | 160. Kit Boxes                                                                  |
| 161. Kodali                                                                                                              | 162. Lace leather                                                               |
| 163. Lamp holders                                                                                                        | 164. Lamp signal                                                                |
| 165. Lanterns Posts and bodies                                                                                           | 166. Lanyard                                                                    |
| 167. Latex foam sponge                                                                                                   | 168. Lathies                                                                    |
| 169. Letter Boxes                                                                                                        | 170. Lighting Arresters - upto 22 kv                                            |
| 171. Link Clip                                                                                                           | 172. Linseed Oil                                                                |
| 173. Lint Plain                                                                                                          | 174. Lockers                                                                    |
| 175. Lubricators                                                                                                         | 176. L.T. Porcelain KITKAT and Fuse Grips                                       |
| 177. Machine Screws                                                                                                      | 178. Magnesium Sulphate                                                         |
| 179. Mallet Wooden                                                                                                       | 180. Manhole covers                                                             |
| 181. Measuring Tapes and Sticks                                                                                          | 182. Metal clad switches (upto 30 Amps)                                         |
| 183. Metal Polish                                                                                                        | 184. Metallic containers and drums other than N.E.C. (Not elsewhere classified) |
| 185. Metric weights                                                                                                      | 186. Microscope for normal medical use                                          |
| 187. Miniature bulbs (for torches only)                                                                                  | 188. M.S. Tie Bars                                                              |
| 189. Nail Cutters                                                                                                        | 190. Naphthalene Balls                                                          |
| 191. Newar                                                                                                               | 192. Nickel Sulphate                                                            |
| 193. Nylon Stocking                                                                                                      | 194. Nylon Tapes and Laces                                                      |
| 195. Oil Bound Distemper                                                                                                 | 196. Oil Stoves (Wick stoves only)                                              |

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| 197. Pad locks of all types                                                                              | 198. Paint remover                                                                                           |
| 199. Palma Rosa Oil                                                                                      | 200. Palmgur                                                                                                 |
| 201. Pans Lavatory Flush                                                                                 | 202. Paper conversion products- paper bags, envelopes, Ice-cream cup, paper cup and saucers and paper Plates |
| 203. Paper Tapes (Gummed)                                                                                | 204. Pappads                                                                                                 |
| 205. Pickles and Chutney                                                                                 | 206. Piles fabric                                                                                            |
| 207. Pillows                                                                                             | 208. Plaster of Paris                                                                                        |
| 209. Plastic Blow Moulded Containers upto 20 litre excluding Poly Ethylene Terphthalate (PET) Containers | 210. Plastic cane                                                                                            |
| 211. Playing Cards                                                                                       | 212. Plugs and Sockets electric upto 15 Amp                                                                  |
| 213. Polythene bags                                                                                      | 214. Polythene Pipes                                                                                         |
| 215. Post Picket (Wooden)                                                                                | 216. Postal Lead seals                                                                                       |
| 217. Potassium Nitrate                                                                                   | 218. Pouches                                                                                                 |
| 219. Pressure Die Casting upto 0.75 kg                                                                   | 220. Privy Pans                                                                                              |
| 221. Pulley Wire                                                                                         | 222. PVC footwears                                                                                           |
| 223. PVC pipes upto 110 mm                                                                               | 224. PVC Insulated Aluminium Cables (upto 120 sq. mm) (ISS:694)                                              |
| 225. Quilts, Razais                                                                                      | 226. Rags                                                                                                    |
| 227. Railway Carriage light fittings                                                                     | 228. Rakes Ballast                                                                                           |
| 229. Razors                                                                                              | 230. RCC Pipes upto 1200 mm. dia                                                                             |
| 231. RCC Poles Prestressed                                                                               | 232. Rivets of all types                                                                                     |
| 233. Rolling Shutters                                                                                    | 234. Roof light Fittings                                                                                     |
| 235. Rubber Balloons                                                                                     | 236. Rubber Cord                                                                                             |
| 237. Rubber Hoses (Unbranded)                                                                            | 238. Rubber Tubing (Excluding braided tubing)                                                                |
| 239. Rubberised Garments Cap and Caps etc                                                                | 240. Rust/Scale Removing composition                                                                         |
| 241. Safe meat and milk                                                                                  | 242. Safety matches                                                                                          |
| 243. Safety Pins (and other similar products like paper pins, staples pins etc.)                         | 244. Sanitary Plumbing fittings                                                                              |
| 245. Sanitary Towels                                                                                     | 246. Scientific Laboratory glass wares (Barring sophisticated items)                                         |
| 247. Scissors cutting (ordinary)                                                                         | 248. Screws of all types including High Tensile                                                              |
| 249. Sheep skin all types                                                                                | 250. Shellac                                                                                                 |
| 251. Shoe laces                                                                                          | 252. Shovels                                                                                                 |
| 253. Sign Boards painted                                                                                 | 254. Silk ribbon                                                                                             |
| 255. Silk Webbing                                                                                        | 256. Skiboots and shoes                                                                                      |
| 257. Sluice Valves                                                                                       | 258. Snapfastner (Excluding 4 pcs. ones)                                                                     |
| 259. Soap Carbolic                                                                                       | 260. Soap Curd                                                                                               |
| 261. Soap Liquid                                                                                         | 262. Soap Soft                                                                                               |
| 263. Soap washing or laundry soap                                                                        | 264. Soap Yellow                                                                                             |
| 265. Socket/pipes                                                                                        | 266. Sodium Nitrate                                                                                          |
| 267. Sodium Silicate                                                                                     | 268. Sole leather                                                                                            |
| 269. Spectacle frames                                                                                    | 270. Spiked boot                                                                                             |
| 271. Sports shoes made out of leather (for all                                                           | 272. Squirrel Cage Induction Motors upto                                                                     |

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| Sports games)                                                                                                   | and including 100 KW440 volts 3 phase                                   |
| 273. Stapling machine                                                                                           | 274. Steel Almirah                                                      |
| 275. Steel bedsstead                                                                                            | 276. Steel Chair                                                        |
| 277. Steel desks                                                                                                | 278. Steel racks/shelf                                                  |
| 279. Steel stools                                                                                               | 280. Steel trunks                                                       |
| 281. Steel wool                                                                                                 | 282. Steel and aluminium windows and ventilators                        |
| 283. Stockinet                                                                                                  | 284. Stone and stone quarry rollers                                     |
| 285. Stoneware jars                                                                                             | 286. Stranded Wire                                                      |
| 287. Street light fittings                                                                                      | 288. Student Microscope                                                 |
| 289. Studs (excluding high tensile)                                                                             | 290. Surgical Gloves (Except Plastic)                                   |
| 291. Table knives (Excluding Cutlery)                                                                           | 292. Tack Metallic                                                      |
| 293. Taps                                                                                                       | 294. Tarpaulins                                                         |
| 295. Teak fabricated round blocks                                                                               | 296. Tent Poles                                                         |
| 297. Tentage Civil/Military and Salitah Jute for Tentage                                                        | 298. Textiles manufactures other than N.E.C. (not elsewhere classified) |
| 299. Tiles                                                                                                      | 300. Tin Boxes for postage stamp                                        |
| 301. Tin can unprinted upto 4 gallons capacity (other than can O.T.S.) conforming to IS:1291/75 (upto 600 amps) | 302. Tin Mess                                                           |
| 303. Tip Boots                                                                                                  | 304. Toggle Switches                                                    |
| 305. Toilet Rolls                                                                                               | 306. Transformer type welding sets                                      |
| 307. Transistor Radio upto 3 band                                                                               | 308. Transistorised Insulation - Testers                                |
| 309. Trays                                                                                                      | 310. Trays for postal use                                               |
| 311. Trolley                                                                                                    | 312. Trollies - drinking water                                          |
| 313. Tubular Poles                                                                                              | 314. Tyres and Tubes (Cycles)                                           |
| 315. Umbrellas                                                                                                  | 316. Utensils all types                                                 |
| 317. Valves Metallic                                                                                            | 318. Varnish Black Japan                                                |
| 319. Voltage Stabilisers including C.V.T's                                                                      | 320. Washers all types                                                  |
| 321. Water Proof Covers                                                                                         | 322. Water Proof paper                                                  |
| 323. Water tanks upto 15,000 litres capacity                                                                    | 324. Wax sealing                                                        |
| 325. Waxed paper                                                                                                | 326. Weighing Scale                                                     |
| 327. Welded Wire mesh                                                                                           | 328. Wheel barrows                                                      |
| 329. Whistle                                                                                                    | 330. Wicks cotton                                                       |
| 331. Wing Shield Wipers (Arms and Blades only)                                                                  | 332. Wire brushes and Fibre Brushes                                     |
| 333. Wire Fencing and Fittings                                                                                  | 334. Wire nails and Horse shoe nails                                    |
| 335. Wire nettings of gauze thicker than 100 mesh size                                                          | 336. Wood Wool                                                          |
| 337. Wooden ammunition boxes                                                                                    | 338. Wooden Boards                                                      |
| 339. Wooden Box for Stamps                                                                                      | 340. Wooden Boxes and Cases N.E.C. (Not elsewhere classified)           |
| 341. Wooden Chairs                                                                                              | 342. Wooden Flush Door Shutters                                         |
| 343. Wooden packing cases all sizes                                                                             | 344. Wooden pins                                                        |
| 345. Wooden plugs                                                                                               | 346. Wooden shelves                                                     |
| 347. Wooden veneers                                                                                             | 348. Woolen hosiery                                                     |
| 349. Zinc Sulphate                                                                                              | 350. Zip Fasteners                                                      |

## HANDICRAFT ITEMS

### Item Description

### Source of Supply

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| 351. Cane furniture                                                 | North Eastern Handicrafts and Handlooms Development Corporation Assam Govt. Marketing Corpn. Craft Society of Manipur Nagaland Handicrafts and Handlooms Development Corpn. |
| 352. Bamboo file tray,<br>Baskets, Pencil stand,<br>side racks etc. | -do-                                                                                                                                                                        |
| 353. Artistic Wooden Furniture                                      | Rajasthan Small Industries Corpn., U.P.<br>Export Corporation                                                                                                               |
| 354. Wooden paper weight racks<br>etc.                              | -do-                                                                                                                                                                        |
| 355. Glass covers made of wood<br>and grass jute                    | -do-                                                                                                                                                                        |
| 356. Jute furniture                                                 | West Bengal Handicrafts Dev. Corp.<br>Jute Mfg. Development Corporation<br>Orissa State Handicrafts Dev. Corp.                                                              |
| 357. Jute bags, file cover                                          | -do-                                                                                                                                                                        |
| 358. Wooden and silk carpets                                        | U. P. Export Corporation<br>J and K Sale and Export Corporation                                                                                                             |

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