



(This tender aims for already enlisted contractors for this work with HOCL Kochi Unit. Any new contractor who wish to empanel for this type of work may submit their credentials so that they will be evaluated and pre-qualified and shall be considered for similar future work).

**HINDUSTAN ORGANIC CHEMICALS LIMITED**  
(A Government of India Enterprise)  
AMBALAMUGAL, Ernakulam District, PIN – 682 032.  
Phone: (0484) 2720911, FAX No. (0484) 2720893

**E- TENDER NOTICE**

HOCL Invites e-Bids under the **Single Bid** system for the following work:

Sl. No.	Description of Item and Tender No.
1	<b>NAME OF WORK: PREPARATORY WORKS FOR STATUTORY INSPECTION OF H<sub>2</sub> AND N<sub>2</sub> BULLETS UNDER SMPV(U) RULES - 1981</b>  <b>HOCL Tender Ref : MEC30271</b>

Tender documents may be downloaded from [www.hoclkochi.com](http://www.hoclkochi.com) or [www.eprocure.gov.in](http://www.eprocure.gov.in).

Interested parties may please get registered with NIC e procurement portal (URL: <https://eprocure.gov.in/eprocure/app>) to participate in the tender. Tenders submitted other than through online procedure specified will not be accepted. Please visit the above sites regularly for any addendum/ corrigendum/ extension before submitting the offers.

Please submit your E-bids under the **Single Bid system** confirming to the specifications and the terms and conditions.

For and on behalf of Hindustan Organic Chemicals Limited  
(GSTN:32AAACH2663P1ZG),(CIN:I99999MN1960GOI011895)

BENO.P. KURIANS  
DEPUTY GENERAL MANAGER (MECHANICAL)



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(A Government of India Enterprise)  
AMBALAMUGAL, Ernakulam District, PIN – 682 032.  
Phone: (0484) 2720911, FAX No. (0484) 2720893

**MEC30271**

M/s.

Dear Sir,

Hindustan Organic Chemicals Limited is a Government of India Undertaking manufacturing Phenol, Acetone & Hydrogen Peroxide at its plant at Kochi, Kerala, India. HOCL invites e-tenders for **Preparatory Works for Statutory Inspection of H<sub>2</sub> and N<sub>2</sub> Bullets Under SMPV(U) Rules - 1981**. HOCL has entered into an agreement with M/s. NIC for e-procurement through their portal <https://eprocure.gov.in/eprocure/app>. You may please get registered as a vendor with NIC for participating in this tender.

**Tender documents are uploaded in HOCL website [www.hoclkochi.com](http://www.hoclkochi.com) and <https://eprocure.gov.in/eprocure/app>**

**Index of documents enclosed is attached herewith. You are requested to kindly go through all the documents in detail before preparing/submitting your tender.**

You may submit your offer on **single-bid system** online before the due date and time specified.

Thanking you,

Yours Faithfully,

For Hindustan Organic Chemicals Limited (CIN: L99999MH1960GOIO11895),

BENO.P. KURIANS  
DEPUTY GENERAL MANAGER (MECHANICAL)



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***This Document to be Signed and Stamped by Bidder on All Pages and Submitted along with the E-Tender***

**ANNEXURE-I**

**Tender Ref. No: MEC30271**

**NAME OF WORK : PREPARATORY WORKS FOR STATUTORY INSPECTION OF H<sub>2</sub> AND N<sub>2</sub> BULLETS UNDER SMPV(U) RULES - 1981**

### **General instructions for Online Bid Submission**

The bidders are required to submit soft copies of their bids electronically on the Central Public Procurement Portal (Govt. Of India), 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 enrol 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 which 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 III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / 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 BID**

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/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
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" or "Other Important Documents" 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.

**Note:** My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

### **SUBMISSION OF BIDS**

1. Bidder should log into the site well in advance for bid submission so that they can 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.
4. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. 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 price bid has 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 coloured (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. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
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 (i.e. after Clicking "Freeze Bid Submission" in the portal), 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.

#### **Contact Person (National Informatics Centre)**

**Mr. Midhun Babu**  
**Sr. Systems Analyst - HOCL**  
**Mob: 8921387812, 8547196394**

#### **HOCL Work Co-ordinator**

**Mr. M.K. Girijan**  
**Chief Engineer (Mechanical)**  
**Mob: 8547624778**



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**ANNEXURE-II**

**Tender Ref. No: MEC30271**

**NAME OF WORK : PREPARATORY WORKS FOR STATUTORY INSPECTION OF H<sub>2</sub> AND N<sub>2</sub> BULLETS UNDER SMPV(U) RULES - 1981**

### **GENERAL TERMS AND CONDITIONS OF THE TENDER**

#### **EARNEST MONEY DEPOSIT**

NIL - However, party has to submit a declaration under Annexure - H along with Tender, failing which the Tender will be rejected.

#### **RATES**

Rates quoted shall be inclusive of all taxes, duties, octroi and other levies etc. GST, in case applicable shall be paid extra. The bidder should have GST registration with Central Excise Department.

#### **SECURITY DEPOSIT**

- Total security deposit shall be 3% of total contract value.
- 1% of order value of contract referred as Initial Security Deposit shall be furnished within 21 days after notification of the award of work.
- Balance 2% shall be recovered through deductions at the rate of 3% of the value of each running account bill till the total 3% security deposit amount is collected.

#### **LIQUIDATED DAMAGES**

If the work is not completed within the stipulated time, the contractor is liable to pay a LD of ½% of the total contract value **PER DAY** of the delay or part there of subject to a maximum of 5% of the contract value.

#### **PERIOD OF CONTRACT**

The period of the contract shall be **one year** from the date of issue of work order.

#### **SCOPE OF SUPPLY**

##### **Material**

##### **a. Contractor's Scope**

All the materials like scaffolding pipes, scaffolding pipe bottom support plate, scaffolding clamps, grills / jally, platforms, grinding machine, grinding / buffing machine, buffing wheel, grinding wheel, Hydraulic test pumps, fittings, hoses, connectors, pressure gauges, rope, slings, pulley, chain pulley block, d-shackles, other tools and equipment, all consumables like buffing wheels, emery papers, surface preparation tools, etc. whatever required for the satisfactory completion of the job shall be brought by the contractor. The contractor shall use only industrial type plug socket with ISI mark for all their portable / static electrical equipment / tools from their switch / distribution board with suitable rated ELCB.



b. **HOCL's Scope**

Gaskets, stud and nuts, tail blinds /blind flange, eductors, compressed air hose, etc. required for the work shall be provided by HOCL. HOCL shall provide power, compressed air and water at one point

**TOOLS & TACKLES**

a. **HOCL's Scope**

NIL

b. **Contractor's Scope**

All the required machines, tools and tackles required for the satisfactory completion of the job shall be arranged by the contractor. Scaffolding material (pipe & clamps) and its erection to be arranged by the contractor. After completion of the work the scrap material (if any) is to be transferred to the scrap yard.

**WATER & POWER**

HOCL will provide free water, electricity and air at one point for each machine (Air at 5 Kg/cm<sup>2</sup>, water at 3 Kg/cm<sup>2</sup>, Electricity – 3 Phase /415V)

**TIME OF COMPLETION**

The entire work has to be completed within **30 days** from the date of intimation to start the work.

**VALIDITY OF THE TENDER**

The tender shall be kept valid for acceptance for a period of THREE months from the last date prescribed for receipt of the tender.

A Tenderer shall not be entitled during the said period of three months without the consent in writing of the company to revoke or cancel his tender or to vary the tendered rate or any terms thereof.

**PRICE**

The Contract will be awarded on fixed all-inclusive price unless otherwise specified. All rates in the tender shall cover applicable taxes, levies and duties. However applicable GST will be paid by HOCL subject to the successful tenderer having GST registration with Central Excise.

The price shall be quoted both in figures and words. In case a tenderer has quoted two different prices in words and figures the lower of the two will be considered valid and binding on the tenderer.

**PAYMENT TERMS**

- **97%** payment will be released after completion of work and certification by Engineer-In-Charge.
- Balance **3%** payment will be made after defect liability period of one year or on production of PBG for the said amount.



## **CONTRACT PREFERENCE**

Contract / Price Preference or any other concessions applicable for **MSME / SSI Units /PSUs** will be as per latest Government of India Directives. For availing this benefit, the bidder shall make their claim in the Technical Bid itself and enclose necessary documentary evidence to prove their eligibility.

## **DEFECT LIABILITY PERIOD**

Contractor shall guarantee the work for a period of 12 months from the date of issue of completion certificate. Any damage or defect that may arise or lie undiscovered at the time of issue of completion certificate, connected in any way with the workmanship should be rectified by the contractor at his own expense as deemed necessary by the Engineer-in-Charge.

## **OTHER TERMS AND CONDITIONS**

### **GENERAL CONDITIONS OF CONTRACT (GCC) OF HOCL**

The General Conditions of Contract of the company is applicable to, and forms part of the contract. The General Conditions of Contract of HOCL is available in the office of The Chief General Manager (P&A) of HOCL, Ambalamugal or can be downloaded from our Web site [www.hoclkochi.com](http://www.hoclkochi.com).

### **RIGHT TO ISSUE ADDENDUM**

The company reserves the right to issue any addendum to the tender document to clarify/amend/supplement and/ or delete any of the conditions, clauses or terms stated in the tender documents. Each addendum issued shall be distributed to the tenderer or his authorized representative and each such addendum shall become part of the tender documents.

**DUE DATE & TIME:** Due date for submission of tender is (Closing date) **01/07/2021 at 02.00 PM.**

**OPENING OF BIDS:** The Bids will be opened on **02/07/2021 at 02.00 PM** electronically. Technically acceptable bidders will be informed about the date and time of opening of the price bids by emails.

**VALIDITY OF OFFER:** Offer shall be valid for a minimum period of 90 days from the last date of submission stipulated for the tender.

**SUBMISSION OF BIDS:** Refer Annexure I.

**PRICE BID SUBMISSION-BOQ:** 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 price bid has 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 blue coloured (unprotected) cells with their respective financial quotes and other details** Refer Instructions to Bidder for Online Bid Submission. **(such as name of the bidder).** No other cells 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.



**RIGHT TO REJECT A BID:** HOCL reserves the right to reject any bid due to reasons such as (a) Vendor not following above bidding procedures (b) Vendor not being technically acceptable to HOCL (c) Not enclosing EMD with the techno commercial bid or EMD paid being lesser than the stipulated amount (d) Vendor not agreeing with the general conditions of the tender. (e) Not enclosing any particular documents asked for (f) Any other valid reasons.

**SIGNING & STAMPING ON ALL PAGES OF BIDS:** The vendor shall sign and stamp on all the pages of the bids uploaded, failing which bids are liable to be rejected.



***This Document to be Signed and Stamped by Bidder on All Pages and Submitted along with the E-Tender***

**ANNEXURE-III**

**Tender Ref. No: MEC30271**

**NAME OF WORK : PREPARATORY WORKS FOR STATUTORY INSPECTION OF H<sub>2</sub> AND N<sub>2</sub> BULLETS UNDER SMPV(U) RULES - 1981**

**SCOPE OF WORK**

We have 4 Nos. Hydrogen Bullets and 5 Nos. Nitrogen bullets in our plant. All of them are due for inspection under SMPV(U) Rules in the next year. Hence, we are planning to engage a contract to carry out preparatory jobs scaffolding and allied works in connection with the testing of Hydrogen and Nitrogen Bullets. Work is planned to be carried out in July 2021 to August 2021.

Scope of work includes but not confined to the following:

1. Preparation of planning chart to carry out the work as explained in the scope of work.
2. Supply & Erection of scaffolding (inside & outside) with required metallic working platform in the bullets as per the detailed scope of work and instruction from Engineer-in-Charge. You have to provide necessary safety cage wherever required as per instruction from HOC / III Party inspection agency for the smooth execution of the job and for the inspection purpose.
3. Removal and re-application of insulations/fire proofing, wherever required.
4. Cleaning and surface preparation for non-destructive testing by buffing or grinding process as the case may be.
5. Removal of dust, sludge etc. from Spheres and Bullets and to dispose to a place as instructed by the Engineer-in-Charge.
6. Blinding, De-blinding of all nozzles, man-way opening, boxing up and recording the same in the blind register.
7. Preparation for hydro testing of all bullets & hydrotesting.
8. Removal and re-fixing of PSV's and isolation valves fitted on spheres and bullets from position and shafting to our W/S and return.
9. Transportation, fixing and removal of air eductors including providing hose connection from nearest compressed air point.
10. You shall provide assistance for necessary surface preparation for inspection work as and when required as per the inspection of HOC / III Party Inspection Agency.
11. If any minor repair is noticed, the same will be carried out under supervision of IIIrd Party inspection agency. However, necessary field job like grinding, welding chipping etc. has to be carried out by you.



12. The other Hydrogen bullets ( 2 Nos.) & nitrogen bullets (3 Nos.) will be running during the inspection period. Utmost care should be taken while working to avoid improper earthing, spark or static electricity.
13. Gaskets, bolts, nuts, fasteners required for the work will be supplied by HOCL free of cost as per requirement.
14. Safety Helmets, goggles, safety belts etc. for the workmen and supervisor employed for the work are to be arranged by the contractor.
15. No work to be carried out without wearing safety gadgets, work order and permit by the employees of the contractor.
16. This work is an important and time based activity and you have to put all efforts to complete the work in time. Also you have to be ready to deploy people on round the clock basis as per the instruction of Engineer-in-Charge.
17. The entire work is to be carried out as per the standard engineering practice and subjected to stage inspection by HOC.
18. All debris, waste etc. arising out of the job should be segregated weighed, transported and dumped into the scrap yard as per the instruction of Engineer-in-Charge at your cost.
19. HOC has every right to stop the work if the progress and quality of work is found unsatisfactory. The balance work will be carried out by HOC through another agency at the cost and risk of the first contractor.
20. HOC will provide compressed air, water and electric power at one point. Contractor has to make his own arrangements to distribute the power through ELCB/Circuit Breakers.
21. Either contractor or his authorized supervisor has to be available at site throughout the work without fail.
22. Contractor should ensure that sufficient No. of platform grills are erected for the smooth operation of the NDT jobs as per the instruction from Engineer-in-Charge.
23. Proper hand rail should be provided in the area where NDT is performing as and when required.

#### **1. SUPPLY & ERECTION OF SCAFFOLDING - INSIDE**

- a. Steel scaffolding shall be made out of tubular structures (standards scaffolding pipes of 40mm dia and clamps) in order to make entire inner surface of Hydrogen Bullets(4 Nos.) and Nitrogen Bullets (5 Nos.) for safe access for visual inspection and non-destructive testing (NDT) work. All the scaffolding material including base plate, necessary fittings, clamps, platforms & guard rails/handrails has to be arranged by the Contractor at his own cost.

The Engineer-in-Charge may accept better scaffolding material/ technique than that given here, in case if Contractor prefers to provide.



- b. Height between two horizontal members (pipe) of tubular structures should be 500mm to 800mm (maximum) to have ease and safety of climbing up or down by the working and inspecting personnel. Diagonal Brazing and cross Brazing shall be provided for the scaffolding. In special cases the height may have to be reduced if felt necessary by the Engineer-in-Charge of HOCL. **PROVISION MUST BE KEPT FOR THE SAME.**
- c. Working platform or stages are to be made by Steel/Aluminium Perforated Sheets or similar material and secured firmly. These platforms to be provided at each circumferential seams and longitudinal seams to enable visual inspection and NDT work in the welds and shell plate surfaces conveniently while inspecting personnel are standing on the platform/stages. Similar stages are to be made all around the bullets for the inspection and NDT of all the longitudinal seams. Platforms are also required to be built for inspection of all nozzles including manhole nozzle welds, temporary attachment weld points above circumference and both sides of longitudinal welds. **ALL PLATFORMS SHALL HAVE GUARD RAILS/HAND RAILS.**
- d. A clear gap of 50mm to 70mm should be maintained between the edge of scaffolding pipes and side wall of shell. **IN NO CASE THE PIPE EDGES SHOULD TOUCH SHELL SURFACE** except at bottom support points, where pipes should be supported on flat plates of proper size (flat pieces of plates to be welded at the end of the vertical scaffolding pipes) to avoid injury to shell surfaces.
- e. Suitable rigid metallic ladder should be brought by the party and provided for landing into the platforms stage under manhole.

## **2. SUPPLY & ERECTION OF SCAFFOLDING - OUTSIDE**

Scaffolding and platform/stage are to be erected below the reinforcement pads of leg supports to facilitate inspection of welds of legs to reinforcement pad to shell and also for inspection of the insulation/Fireproofing. Similar scaffolding and stages are to be erected below each nozzle for inspection of their welds. Only metallic tubular structures and steel sheets are to be used for making scaffolding and stages respectively.

All the material required for making scaffolding including scaffolding pipes, clamps, base plate, platforms plates/grills etc., tools, tackles and consumables shall be in the scope of the contractor.

### **REMOVAL OF SCAFFOLDING**

Scaffolding shall be removed after completion of all inspection/NDT work and repairs, both inside and outside.

## **3. CLEANING & SURFACE PREPARATION FOR NON DESTRUCTIVE TESTING**

All appropriate tools, tackles and consumables required for the internal and external surface cleaning as enumerated in the following paragraphs shall be the responsibility of the Contractor.

- a. **AREAS AS INDICATED BELOW ARE TO BE THOROUGHLY CLEANED AND PREPARED AS PER THE PROCEDURE GIVEN AT PARA (B & C) FOR MAGNETIC PARTICLE INSPECTION.**
  - i. All weld joints from internal eg. Circumference and longitudinal seams, and nozzle welds.
  - ii. Weld joints of all the nozzles including manholes from outside and their reinforcement pads.



- iii. Reinforcement pads of leg supports to shell and leg to reinforcement pads.
- iv. 150mm of parent metal on either side of all weld joints as enumerated above.
- v. Area/points inside the sphere where temporary attachments such as cleats, brackets were welded on both sides of circumference and longitudinal seams.
- vi. A few selected are:
  1. (300 × 300mm) on parent metal on the inner surface as decided by Engineer-in-Charge.
  2. Shining metal (white metal finish) is required to be exposed after cleaning by any of the cleaning methods and should meet any of the requirement of SIS-05 5900-1967, SSPC-SP 3, BS-4232, NACE to the SA2 finish

**b. PROCEDURE OF SURFACE PREPARATION FOR MAGNETIC PARTICLE INSPECTION.**

**MECHANICAL OR POWER CLEANING**

Cleaning shall be done by using mechanical striking tools, chipping hammers, Buffing wheels or rotating wire brushes or by any other better and safe technique. The tools used should preferably be non-sparking type, on completion of cleaning; the detached rust, mill scale and deposits etc. shall be removed by clean rags and/or washed by water or steam and thoroughly dried by compressed air jet immediately after washing.

**c. 2"× 2" OR 2" DIAMETER AREA SHALL BE CLEANED BY EMERY PAPER AND BUFFING WHEELS FOR ULTRASONIC THICKNESS MEASUREMENT IN THE POINTS/AREAS AS ENUMERATED BELOW:**

- i. At 10-15 locations covering the centre and four corners of each petal and crown plates.
- ii. Four opposite sides of each nozzles including manhole nozzle.
- iii. A few more points/areas as may be decided by the Engineer-in-Charge and the Contractor in consultation or as per general acceptance practice.
- iv. Loose scale, oil, dirt, sludge etc. shall be removed from internal surface of the LPG sphere, Propane/Propylene bullets by manual means or by any other safe and effective technique to a location/ area as decided by the Engineer-in-Charge.

**4. THE DETAILS OF PRESSURE VESSELS REQUIRED FOR ERECTION OF SCAFFOLDING, REMOVAL OF INSULATION, CLEANING AND SURFACE PREPARATION AND REMOVAL OF DUST, SLUDGE ETC. ARE AS FOLLOWS:**

▪ **Nitrogen Bullets – 5 Nos**

Material of construction	- SA 515 Gr.70
Diameter × overall length	- 2.380 M × 17.540M
Thickness of Plate	- Shell - 40mm, D/E - 45mm
Test Pressure	- 60Kg/cm <sup>2</sup>
Capacity	- 60 M <sup>3</sup>



### **Hydrogen Bullets – 4 Nos.**

Material of construction	- SA 515 Gr.70
Diameter × overall length	- 1.458M × 7.406M
Thickness of Plate	- Shell - 28mm, D/E – 16mm
Test Pressure	- 67.65Kg/cm <sup>2</sup>
Capacity	- 11 M <sup>3</sup>

### **WORKING TIME**

The working time will be round the clock in which more work with more crew should be carried out during night time (ie. 8 PM to 8 AM) such as surface cleaning by buffing etc., including scaffolding and other preparatory work in order to facilitate inspection during day time. However, there should be sufficient people in the day time also to facilitate the inspection jobs.

The surface preparation work has to be carried out in co-ordination with the Inspection Agency. Required man power shall be provided for adjustment of staging and cleaning as per the requirement of Inspection Agency. The contractor has to provide and give all assistance to the Inspection Agency, as and when required for the satisfactory completion of the inspection job.

All safety precautions are to be taken by the contractor while carrying out the work. HOC will not be responsible to any accidents caused during the execution of work. It is once again reaffirmed that all safety precautions are to be complied and all safety appliances like safety helmets and safety belts, goggle, gloves etc. should be used by the personnel employed for this job and supplied to the laborers by the contractor on his own cost.

You may please note that buffing wheel made up of cloth only will be allowed inside of H2 bullets.

### **5. BOX UP OF HYDROGEN / NITROGEN BULLETS AND HYDROSTATIC TESTING**

- a. Box up the man ways and nozzles using new gaskets for preparing the vessel for Hydrostatic test after removing the internals for which box up permit shall be obtained from HOCL.
- b. Hydrostatic test of the vessel at the test pressure as per the instruction of Engineer-in-charge shall be done by the contractor. The contractor shall get the hydrostatic test witnessed by Engineer – in-charge / 3rd party Inspector.
- c. Settlement of all foundation/support legs are to be checked by HOCL/Inspection Agency during water filling as per standard. And the contractor is liable to follow the filling procedure and arrange for all items required for settlement check on each support of the sphere.
- d. Pressurizing for Hydrostatic test and its releasing after successive test shall be as per prevailing procedure and as per instruction of engineer-in –charge/third party inspector only.
- e. Removal of isolations ie. Blind, spectacle blinds, blind tags and normalizing of vessels.
- f. Record in the blind register and obtain signature in the register by Engineer-in-Charge.



## PRESSURE SAFETY VALVES

1. Removal of PSV from the location, which are mounted on the Sphere/ Bullets or its connected piping.
2. Blinding inlet/outlet nozzle of the PSV immediately and put blind tags and record in the blind register and obtain signature of the Engineer-in-Charge in the register.
3. Dropping the PSV to the ground level.
4. Transportation of PSV from site to HOCL Workshop.
5. After overhauling, testing and third party inspection by HOCL, collect the valves from HOCL Workshop and transport it to the respective locations.
6. Mounting PSV's at its respective positions by removing isolations/ blind, spectacle blinds, using new gaskets and fasteners and normalizing.
7. Record in the blind register and obtain signature in the register by Engineer-in-Charge.

Cost of these works shall be absorbed in the quoted rate for preparatory work of each equipments.

## GENERAL CONDITIONS

1. HOC has the right to stop the work at any time if the progress and performance of the work is found unsatisfactory and shall complete the work by another contractor at your cost and risk.
2. You are requested to take necessary insurance for the personnel employed by you. HOC will not take any responsibility or admit any claim in the event of an accident in any manner.
3. You should work on round the clock basis and accordingly manpower has to be arranged. The schedule indicated above has to be followed strictly.
4. **As the work has to be completed in two phases, on war footing basis and you have to mobilize enough men and material to take up the job of Two Hydrogen Bullets (1.458Mtr. dia × 7.406 Mtrs. long) and Two Nitrogen bullets (2.380Mtr. dia × 15.740 Mtrs. long) simultaneously on first phase.**

## COMPLETION PERIOD

The estimated completion period for each activity is described below:

### Complete erection of scaffolding (inside & outside)

Hydrogen Bullet	- 2 days each
Nitrogen Bullet	- 2 days each

### Cleaning & Surface Preparation

Hydrogen Bullet	- 1 days each
Nitrogen Bullet	- 1 days each



### **Inspection Jobs - NDT**

Hydrogen Bullet - 5 days each  
Nitrogen Bullet - 5 days each

### **Removal of Scaffolding**

Hydrogen Bullet - 1 days each  
Nitrogen Bullet - 1 days each

### **Hydro Test**

Hydrogen Bullet - 1 day each  
Nitrogen Bullet - 1 day each

**In the event of exigencies of work HOCL may split the order to suit the scheduled completion time.**

The surface preparation work has to be carried out in co-ordination with the Inspection Agency. Required man power shall be provided for adjustment of staging and cleaning as per the requirement of inspection agency. **THE CONTRACTOR HAS TO PROVIDE AND GIVE ALL ASSISTANCE TO THE INSPECTION AGENCY, AS AND WHEN REQUIRED FOR THE SATISFACTORY COMPLETION OF THE INSPECTION JOB.**

All safety precautions are to be taken by the contractor while carrying out the work. HOC will not be responsible for any accidents caused during the execution of work. It is once again reaffirmed that all safety precautions has to be complied and all safety appliances like safety helmets and safety belts, mask goggle, gloves etc. should be used by the personnel employed for this job. **ALL SUCH ITEMS TO BE BROUGHT AND SUPPLIED TO THE LABOURERS BY THE CONTRACTOR ON HIS OWN COST.**

### **NOTE:**

Out of the four Hydrogen bullets, two bullets shall be released in the first phase. After completion of the entire inspection activity, the same shall be handed over to Production dept. After completion of the inspection of two bullets, the other two bullets shall be released for inspection.

Out of the five Nitrogen bullets, two bullets shall be released in the first phase. After completion of the entire inspection activity, the same shall be handed over to Production dept. After completion of the inspection of two bullets, the other three bullets shall be released for inspection.

WHILE CARRYING OUT THE INSPECTION OF ONE SET OF EQUIPMENTS, THE OTHER EQUIPMENTS HYDROGEN BULLETS (2 NOS.), NITROGEN BULLETS (3 NOS.) WILL BE UNDER OPERATION. UTMOST CARE SHOULD BE TAKEN WHILE WORKING TO AVOID IMPROPER EARTH, SPARK OR STATIC ELECTRICITY.

There will be a gap of around 10 to 15 days to start the second phase of the work of similar nature as mentioned above.

**THE WORK IS PLANNED TO BE CARRIED OUT DURING JULY 2021 – AUGUST 2021. (THERE CAN BE A PROBABILITY OF CARRYING OUT THE WORK TWO MONTHS IN ADVANCE OR TWO MONTHS AFTER THE ABOVE MENTIONED PERIOD). AT ANY COST THE WORKS HAS TO BE COMPLETED WITHOUT ANY DELAY. ANY PENALTIES FROM PESO DUE TO ANY KIND OF DELAY FROM THE PARTY SHOULD BE PAYABLE BY THE PARTY.**



***This Document to be Signed and Stamped by Bidder on All Pages and Submitted along with the E-Tender***

**ANNEXURE-IV**

**Tender Ref. No: MEC30271**

**NAME OF WORK : PREPARATORY WORKS FOR STATUTORY INSPECTION OF H<sub>2</sub> AND N<sub>2</sub> BULLETS UNDER SMPV(U) RULES - 1981**

**SPECIAL CONDITIONS OF CONTRACT**

1. All manpower, tools, tackles, lifting tools, ropes, wire brushes, grinding machine, buffing machine, chain pulley block, wheel barrows etc. whatever required for the work are to be arranged by the contractor. A list of tools and tackles intended to be brought for the work by the contractor has to be kept along with the bid.
2. Safety Helmets, safety shoe, goggles, safety belts and other PPEs etc. for the workmen and supervisor employed for the work are to be arranged by the contractor.
3. No work to be carried out without wearing safety gadgets (PPE's), work order, confined space entry record and safety work permit by the employees of the contractor.
4. If the work is urgent, you have to deploy people on round the clock basis to complete the work on time as per the instruction of Engineer-in-Charge.
5. The entire work is to be carried out as per the standard engineering practice and subjected to stage inspection by HOCL.
6. All debris, waste etc. arising out of the job should be segregated weighed, transported and dumped into the scrap yard as per the instruction of Engineer-in-Charge at your cost. The contractor also has to abide by the guidelines for Environmental Protection.
7. HOC has every right to stop the work if the progress and quality of work is found unsatisfactory. The balance work will be carried out by HOC through another agency at the cost and risk of the first contractor.
8. Contractor has to mobilise the complete team with necessary tools and tackles **within 24 hours** from the time of intimation to start the work.
9. Either the contractor or his authorised supervisor should be available at work site throughout the work.
10. The quantity shown can vary i.e. Increase or decrease depending upon the situation. However, the rate and other terms and conditions are same throughout the pendency of the contract for which the contractor must be ready.
11. The Contractor should follow all clause in Annexure - A, B & C like ESI, Safety Regulations and General Conditions of Contract, Workmen Compensation, Personal Protective Equipments (PPE), Labour Laws, PF, Guidelines to contractors / suppliers for environmental protection & Confined Space Entry.
12. Contractor should get prior permission from the Engineer-in-Charge for bringing the material to HOC.



13. Contractor should ensure that a standby person is kept outside the man-way nozzle when the work is inside a confined space and maintain Confined space Entry Register.
14. As a measure to contain the spread of COVID-19, the following PPEs are essentially required to be provide to your workers:

1. Face Mask

2. Face Shield

3. Gloves

Also all your workers are to be subjected to -temperature screening at security, hand wash at the entrance, maintain physical distancing as far as possible.

You shall strictly instruct your workers not to spit in the public places and area of work.



*This Document to be Signed and Stamped by Bidder on All Pages and Submitted along with the E-Tender*

**ANNEXURE- V**

**COMPLIANCE / NO-DEVIATION STATEMENT**

Tender Ref. No: MEC30271

NAME OF WORK : PREPARATORY WORKS FOR STATUTORY INSPECTION OF H<sub>2</sub> AND N<sub>2</sub> BULLETS UNDER SMPV(U) RULES - 1981

It is hereby stated that the quotation/offer submitted by us is in full compliance with all the documents issued against the enquiry and also further confirmed that there is no deviation from all the terms and conditions as per the enquiry.

Signature of the Tenderer :

Name of the Tenderer :

Address :

Place :

SEAL

Date :



***This Document to be Signed and Stamped by Bidder on All Pages and Submitted along with the E-Tender***

**ANNEXURE- VI**

Tender Ref. No: MEC30271

**NAME OF WORK : PREPARATORY WORKS FOR STATUTORY INSPECTION OF H<sub>2</sub> AND N<sub>2</sub> BULLETS UNDER SMPV(U) RULES - 1981**

**CHECK LIST**

1. Scope of Work, General Terms and Conditions (Annexure I, II, III, IV, V, A, B & C) (complete set of Tender Documents) to be signed and stamped on all pages, scanned and uploaded **(YES/NO)**.
2. Proforma of Declaration of Black Listing/ Holiday Listing (Annexure D) - duly filled, signed and stamped, scanned and uploaded **(YES/NO)**.
3. Bidder Information (Annexure - E) - put **√ mark** in front of your confirmation, signed and stamped, scanned and uploaded **(YES/NO)**.
4. Self Declaration (**Annexure F**) - duly filled, signed and stamped, scanned and uploaded. **(YES/NO)**.
5. Bid Security Declaration (**Annexure H**) - duly filled, signed and stamped, scanned and uploaded **(YES/NO)**.

Signature of the Tenderer :

Name of the Tenderer :

Address :

Place :

Date :

**ANNEXURE – A**

**ESI, PF, LABOUR LAW ETC. – REQUIREMENTS**

**1. ESI As per the ESI Act 1948**

The Contractor shall enroll all his men deployed for the work in the ESI scheme. Registration for all workmen under ESI scheme is also to be complied with.

**2. Safety Regulations and General Conditions of Contract**

The Contractor should be strictly abide all the safety regulation of HOC specified in GCC. Contractor should obtain necessary safety work permit from authorised officer before starting the work every day, in every shift.

**3. Workmen Compensation**

It will be your responsibility to meet all claims for compensation under workmen's Compensation Act 1923. ESI or under any other law in respect of sickness, accidents injury or death suffered by workmen engaged by you for carrying out the work. It shall be the sole responsibility of the contractor to comply with Employee's State Insurance Act 1948. You will also be responsible and liable in respect of claims for damage to property or persons arising from or in the course of execution of the contract work undertaken by you. You hereby agree that you shall keep HOC fully indemnified in respect of claims under the Workmen Compensation Act and all other claims aforesaid and you shall not under any circumstances raise any dispute with regard to the same.

**4. Personal Protective Equipments (PPE)**

You are requested to use personal protective equipment such as

1. Safety Helmet
2. Safety belts
3. Welder's Personal Protective equipment like goggles, gloves, shoes and face shield

**As a measure to contain the spread of COVID-19, the following PPEs are essentially required to be provide to your workers:**

1. Face Mask
2. Face Shield
3. Gloves

**Also all your workers are to be subjected to temperature screening at Security, hand wash at the entrance, maintain physical distancing as far as possible.**

**You shall strictly instruct your workers not to spit in the public places and area of work.**

It is the basic responsibility of the Contractor to provide all the safety gadgets (PPEs) as mentioned above to all their Supervisors/Workers.

And without these PPEs Contractor will not be allowed to carryout any job, which may please be noted.

**5. Labour Laws & Provident Fund**

You are requested to possess:

1. A License from the Labour Dept. under Contract Labour (Regulation and Abolition) Act 1970.
2. A separate PF Code under the Employee PF Act – 1952 and also furnish details of CPF Contribution payment made with the Regional PF Commissioner.

## **6. Guidelines to Contractors/Suppliers for Environmental Protection**

- Contractors/suppliers shall ensure that impact due to the environmental aspects of goods and services is minimum.
- Effluent generated during the activity is to be routed to effluent treatment plant as per the instructions given by the Engineer-in-Charge.
- Hazardous waste generated during the activity is to be disposed in accordance with Hazardous Waste (Management & Handling) Rules as per the instructions given by the Engineer-in-Charge.
- All other solid wastes are to be disposed as per the instructions given by the Engineer-in-Charge.
- Avoid leaks and spills to minimise the impact on environment. In the case of any leaks/spills immediately inform Engineer-in-Charge to take appropriate corrective action.
- If the item handled falls under hazardous category, please ensure that:
  - a. Product literature including MSDS/TREM Card etc. accompany the consignment.
  - b. Packing and labeling are in accordance with the requirement of Manufacture, Storage & Import of Hazardous Chemicals Rules.

## **7. B. Confined Space Entry**

If entry into a confined space (like inside entry to columns, heat exchanger shells, vessels, filters, spheres, bullets, boilers etc.) is a part of the work, contractor should register the name and other details in the register kept for the purpose each time. All safety regulation has to be adhered and permit to be obtained before entering into a confined space. Also after coming out from the confined space, the worker/supervisor has to report to the Engineer-in-Charge each time without fail. Any deviation in this register will not be permitted in any case.

## **ANNEXURE - B**

### **LABOUR LAWS – CHECK LIST**

#### **1. Contract Labour (Regulation & Abolition) Act – 1970**

Contractor should possess Labor License if he engages more than 19 workers at a time for a particular job.

#### **2. ESI Act 1948**

A worker whose wages (excluding Overtime Wage) does not exceed `15,000/- per month will be covered under the Act. Please note that workers can be allowed to work inside the Factory Premises / Township only after completing the following procedures:

- a. Those labourers already registered under ESI should submit their ESI card along with a copy.
- b. For new cases, the following documents are to be produced for registering under the Act:
  1. Registration form duly filled in by the worker concerned.
  2. Proof of identity – Address and Age (SSLC / Birth Certificate / Driving License / Passport, etc.)
  3. Family photograph – 2 Nos.
- c. For those workers whose wages is claimed to be more than `15,000/- per month should produce the following documents:
  1. An undertaking from his employer that his wage is more than `15,000/- per month and he is not required to be covered under ESI Act is to be submitted.
  2. A copy of the Personal Accident Policy showing that the worker is covered under the policy.

#### **3. The EPF & MP Act – 1952**

- a. The concerned worker has to file nomination form
- b. If already covered under the Act and Scheme, the related document to be submitted.

#### **4. Interstate Migrant Workmen (Regulation of Employment and Conditions of Service) Act 1979**

The contractor should possess License under this Act, if he engages 05 or more interstate migrant workmen on any day.

## ANNEXURE - C

### SAFETY, HEALTH & ENVIRONMENT (SHE) CONDITIONS

The following Safety, Health and Environment conditions shall apply to the Contractor those who are working at HOCL, Ambalamugal.

- Shall ensure the availability and suitability of qualified and experienced personnel at the site for effective and efficient SHE management.
- Shall ensure that the equipment, materials, consumables are in conformity with the requirements.
- Shall ensure that all equipments/scaffolding used are having adequate stability.
- Shall ensure that appropriate and adequate PPEs are provided and worn by the personnel involved.
- Shall ensure that safety signs are posted as appropriate to the activity/hazard as required.
- Shall ensure the removal of material from site, which do not conform to the requirements.
- Shall ensure no adverse impact on environment due to activities.
- Shall maintain proper close supervision over their employee's activities.
- Shall identify the hazards related to their nature of work being executed and develop methods to eliminate/control those hazards where required to prevent any unwanted incidents/accident.
- Shall educate/train the workers throughout the work and improve their SHE awareness.
- Shall ensure adequate hygiene, (i.e. cleanliness, environment free from dust and fume, proper lighting and drinking water to all worker employed by the contractor).
- Shall ensure regular controls are in place for the following by doing regular checks/inspections but not limited to the following:
  - Vehicles & equipments
  - Tools, equipments, lifting appliances
  - Safety equipments
  - Fire protection
- Shall at his own expenses from time to time and whenever required clear away and remove all rubbish/scrap/unwanted materials from its work area to designated area.
- Shall report all incidents/accidents occurring if any connected with the job. The Contractor shall prepare and submit an incident/accident report to OWNER's Safety Department.

## ANNEXURE - D

### **PROFORMA OF DECLARATION OF BLACK LISTING/HOLIDAY LISTING**

#### **In the case of a Proprietary Concern:**

I hereby declare that neither I in my personal name or in the name of my Proprietary concern M/s. \_\_\_\_\_ which is submitting neither the accompanying Bid/Tender nor any other concern in which I am proprietor nor any partnership firm in which I am involved as a Managing Partner have been placed on black list or holiday list declared by any Government Public Sector company (CPSU) or any of the administrative ministries, except as indicated below:

(Here give particulars of blacklisting or holiday listing, and in absence there of state "NIL")

#### **In the case of a Partnership Firm:**

We hereby declare that neither we, M/s. \_\_\_\_\_, submitting the accompanying Bid/Tender nor any partner involved in the management of the said firm either in his individual capacity or as proprietor or managing partner of any firm or concern have or has been placed on blacklist or holiday list declared by any Government Public Sector Company (CPSU) or any of the administrative ministries, except as indicated below:

(Here give particulars of blacklisting or holiday listing, and in absence there of state "NIL")

#### **In the case of Company:**

We hereby declare that we have not been placed on any holiday list or black list declared by any Government Pubic Sector Company (CPSU) or any of the administrative ministries, except as indicated below:

(Here give particulars of blacklisting or holiday listing, and in absence there of state "NIL")

It is understood that if this declaration is found to be false in any particular, Hindustan Organic Chemicals Limited or its Administrative Ministry, shall have the right to reject my/our bid, and if the bid has resulted in a contract, the contract is liable to be terminated.

PLACE:

DATE:

SIGNATURE OF THE BIDDER

## अनुबंध “ क”

### इएसआई,पीएफ श्रम कानून आदि - अपेक्षाएं

#### 1.इएसआई अधिनियम 1948 के अनुसार इ एस आई

ठेकेदार काम के लिए तैनात अपने सभी कामगारों को इएसआई योजना के तहत नामित करेगा । इएसआई योजना के अधीन सभी कामगारों के लिए पंजीकरण का अनुपालन किया जाना है॥

#### 2.संविदा की सुरक्षा विनियम और सामान्य शर्तें

ठेकेदार संविदा के सामान्य शर्तों में निर्धारित एचओसी के सभी सुरक्षा विनियमों का संख्ती से पालन करेगा । ठेकेदार को प्रतिदिन प्रतिशिफ्ट में काम शुरू करने के पहले प्राधिकृत अधिकारी से आवश्यक सुरक्षा कार्य परमिट प्राप्त करना चाहिए ।

#### 3. कामगार क्षतिपूर्ति

कर्मचारी क्षतिपूर्ति अधिनियम 1923 के तहत क्षतिपूर्ति के लिए सभी दावों का वहन करना आपका दायित्व होगा । कार्य करने के लिए आपके द्वारा तैनात कामगार बीमारी,दुर्घटना,चोट या मृत्यु से पीडित होने में इ एस आई या अन्य किसी नियम के अधीन दायित्व आपका रहेगा । कर्मचारी राज्य बीमा अधिनियम 1948 का अनुपालन करना ठेकेदार का पूर्ण दायित्व होगा। आपके द्वारा लिए गए संविदा कार्य के निष्पादन के दौरान होनेवाले संपत्ति या व्यक्तियों के नुकसान हेतु दावे के लिए आप उत्तरदायी और ज़िम्मेदार रहेगा । आप एतद्वारा सहमत हैं कि आप कामगार क्षतिपूर्ति अधिनियम और उपर्युक्त अन्य सभी दावों के तहत एच ओ सी को पूर्ण रूप से मुक्त करेंगे और आप इस संबंध में किसी भी परिस्थिति में कोई तर्क नहीं उठाएगा ।

#### 4.निजी सुरक्षा उपकरणों (पी पी ई )

आप से अनुरोध है कि निम्नलिखित निजी सुरक्षा उपकरणों का उपयोग करें

- 1.सेफ्टी हेलमेट
- 2.सेफ्टी बेल्ट
- 3.वेलडरों की निजी सुरक्षा उपकरणों जैसे गोग्लस ,ग्लौस ,शूप्स एण्ड फेस शील्ड
4. गोग्लस और फेस शील्ड

यह ठेकेदार का मूल दायित्व है कि वे अपने सभी पर्यवेक्षकों/कामगारों को ऊपर कहे गए सभी सुरक्षा उपकरणों (पी पी ई ) प्रदान करें ।

यह भी कृपया नोट करें कि इन सुरक्षा उपकरणों के बिना ठेकेदार को कोई काम करने की अनुमति नहीं दी जाएगी ।

#### 5.श्रम कानून एवं भविष्य निधि

आपसे अनुरोध है कि आपके साथ -

- 1.श्रम विभाग से संविदा श्रम (विनियम एवं उन्मूलन ) अधिनियम 1970 के तहत एक लाइसेंस।
- 2.कर्मचारी भविष्यनिधि अधिनियम 1952 के अधीन एक अलग पी एफ कोड हो और क्षेत्रीय भविष्य निधि आयुक्त के साथ किए गए सीपीएफ अंशदान के भुगतान संबंधी विवरण भी प्रस्तुत करें ।

## **6 पर्यावरण संरक्षण के लिए ठेकेदारों/आपूर्तिकर्ताओं को दिशा - निर्देश :**

\* ठेकेदार/आपूर्तिकर्ता यह सुनिश्चित करें कि सामग्रियों और सेवाओं की वजह से पर्यावरण पहलुओं पर प्रभाव न्यूनतम हो |

\* इस गतिविधि के दौरान सृजित एफ्लुवेन्ट को इंजीनियर प्रभावी द्वारा दिए गए अनुदेशों के अनुसार एफ्लुवेन्ट ट्रीटमेंट प्लांट से छोड़ दें।

\* इस गतिविधि के दौरान सृजित जोखिम अवशिष्ट निपटान को प्रभारी इंजीनियर द्वारा दिए गए अनुदेशों के अनुसार जोखिम अवशिष्ट (प्रबंधन एवं उपयोग) नियमानुसार करना है |

\* अन्य सभी ठोस अवशिष्टों को प्रभारी इंजीनियर द्वारा दिए गए अनुदेशों के अनुसार निपटाना है |

\* पर्यावरण पर प्रभाव कम करने के लिए लीक एवं स्पिल से बचे | यदि कोई लीक / स्पिल हो तो सुधार कार्य करने के लिए प्रभारी इंजीनियर को तत्काल सूचित करें |

\* यदि उपयोगित मद् जोखिम वर्ग में आता है तो यह सुनिश्चित करें कि :-

क) एम एस डी एस / ट्रेम कार्ड आदि सहित उत्पाद संबंधी विवरण सामग्री के साथ होना चाहिए |

ख) जोखिम रसायन नियमावली के निर्माण, भंडार एवं निर्यात की अपेक्षा के अनुसार पैकिंग और लेबलिंग होना चाहिए |

## **7. सीमित क्षेत्र प्रवेश**

यदि काम के संबंध में सीमित क्षेत्र (जैसे कॉलम्स, हीट एक्सचेंजर, शेलस, वेसलस, फिल्टर्स, स्पीरिस, बुलेटस, बोइलर आदि ) में प्रवेश करना है तो ठेकेदार को इस उद्देश्य के लिए रखे गए रजिस्टर पर नाम और अन्य विवरण प्रत्येक समय दर्ज करना चाहिए | सीमित क्षेत्र में प्रवेश करने के पहले सभी सुरक्षा विनियमों का पालन करना है और परमिट प्राप्त करना है | सीमित क्षेत्र से बाहर आते समय कामगार/ पर्यवेक्षक को प्रत्येक समय प्रभारी इंजीनियर को अवश्य रिपोर्ट करना है | किसी भी मामले में इस रजिस्टर से किसी प्रकार की विचलन की अनुमति नहीं दी जाएगी |

अनुबंध - 'ख'

विषय : श्रम कानून - जाँच सूची

**1. संविदा श्रम (विनियम और उन्मूलन) अधिनियम -1970**

प्रत्येक काम के लिए एक ही समय 19 से अधिक मजदूरों को लगाते समय ठेकेदार को श्रम लाइसेंस प्राप्त करना चाहिए।

**2. कर्मचारी राज्य बीमा अधिनियम 1948**

कामगार जिनका वेतन (समयोपरि भत्ता छोड़कर) प्रतिमाह 15000/- से अधिक न हो, इस अधिनियम के तहत आता है। कृपया ध्यान दें कि निम्नलिखित कार्यकलाप पूरा करने के बाद ही फैक्टरी परिसर/टाऊनशिप में कामगारों को काम करने की अनुमति दिया जाएगा।

क) इ एस आई के अधीन पहले ही पंजीकृत मजदूरों को इ एस आई कार्ड और उसकी एक प्रति प्रस्तुत करना चाहिए।

ख) नए मामले में, इस अधिनियम के अधीन पंजीकृत करने के लिए निम्नलिखित दस्तावेजें प्रस्तुत करना चाहिए।

1. संबंधित कामगार द्वारा यथाविधि भरे हुए पंजीकृत प्रपत्र।

2. पहचान के लिए प्रमाण - पता एवं आयु (एस एस एल सी, जन्म प्रमाण पत्र, ड्राइविंग लाइसेंस, पासपोर्ट आदि)।

3. परिवार के दो फोटो -

ग) ऐसे कामगार जिनका वेतन प्रतिमाह 15000/ से अधिक दावा दे रहे हैं, निम्नलिखित दस्तावेजें प्रस्तुत करनी चाहिए।

1. उनके नियोक्ता से यह वचनबंध प्रस्तुत करना है कि प्रतिमाह उनका वेतन रू. 15000/ से अधिक है और उन्हें इ एस आई अधिनियम के तहत शामिल करने की आवश्यकता नहीं है।

2. निजी दुर्घटना पॉलिसी की एक प्रति इसमें यह दर्शाता है कि कामगार इस पॉलिसी की सुरक्षा हैं।

**3. इ पी एफ और एम पी अधिनियम 1952**

क) संबंधित कामगार को नामांकन प्रपत्र फाईल करना है।

ख) यदि प्रस्तुत अधिनियम और योजना के तहत पहले ही नामित हो, तो संबंधित दस्तावेज प्रस्तुत करें।

**4. अन्तर राज्य प्रवासी कामगार (रोजगार और सेवा शर्तों के विनियम) अधिनियम 1979**

यदि ठेकेदार किसी भी दिन 05 या उससे अधिक अन्तर राज्य प्रवासी कामगार को काम के लिए लगाते हो तब उन्हें प्रस्तुत अधिनियम के तहत लाइसेंस प्राप्त करना चाहिए।

## सुरक्षा, स्वास्थ्य एवं पर्यावरण (एस एच ई) की शर्तें

एच ओ सी एल, अंबलमुगल में काम करने वाले ठेकेदारों के लिए निम्नलिखित सुरक्षा, स्वास्थ्य एवं पर्यावरण शर्तें लागू होंगे।

1. सुरक्षा, स्वास्थ्य एवं पर्यावरण के प्रभावी एवं दक्ष प्रबंधन के लिए कार्यस्थल में योग्य एवं अनुभवी व्यक्तियों की उपलब्धता एवं उपयुक्तता सुनिश्चित करेंगे।
2. आवश्यकताओं के अनुरूप उपकरण, सामग्री और उपभोज्य सुनिश्चित करेंगे।
3. उपयोग किए जाने वाले सभी उपकरण / पाइ की सामग्रियों को पर्याप्त मजबूती / टिकाऊपन सुनिश्चित करेंगे।
4. यह सुनिश्चित करेंगे कि उचित एवं पर्याप्त पी पी ई प्रदान किए जाएंगे और संबंधित व्यक्तियों द्वारा पहने जाएंगे।
5. आवश्यकतानुसार कार्यकलाप/ जोखिम के उपयुक्त सुरक्षा चिहनों को लगाना सुनिश्चित करेंगे।
6. कार्यस्थल से ऐसे सामग्री जो आवश्यकता के अनुरूप नहीं हो, को हटाया जाना सुनिश्चित करेंगे।
7. यह सुनिश्चित करेंगे कि कार्यकलाप के कारण पर्यावरण में कोई प्रतिकूल प्रभाव न हो।
8. अपने कर्मचारियों की गतिविधियों पर उचित एवं सूक्ष्म पर्यवेक्षण सुनिश्चित करेंगे।
9. कार्यान्वित किए जा रहे कार्य की प्रकृति संबंधी दुर्घटनाओं का पहचान करेंगे और जहां अपेक्षित हो किसी प्रकार की घटनाओं / दुर्घटनाओं को रोकने के लिए ऐसी दुर्घटनाओं को दूर करने / नियंत्रित करने के उपाय विकसित करेंगे।
10. कर्मचारियों को कार्य के दौरान पर शिक्षित / प्रशिक्षित करना सुनिश्चित करेंगे और उनके एस एच ई जागरूकता में सुधार लाना भी सुनिश्चित करेंगे।
11. पर्याप्त स्वास्थ्य की व्यवस्था सुनिश्चित करेंगे ( यानि सफाई, धूल एवं धूआं मुक्त पर्यावरण, उचित प्रकाश की व्यवस्था और ठेकेदार द्वारा काम के लिए नियुक्त सभी कर्मचारियों को पेय जल)
12. नियमित जांच / निरीक्षण करके निम्नलिखित के लिए नियमित नियंत्रण सुनिश्चित करेंगे लेकिन केवल निम्नलिखित के लिए सीमित नहीं करेंगे।
  - \* वाहनों एवं उपकरणों
  - \* टूल्स, उपकरण, लिफ्टिंग उपकरणों
  - \* सुरक्षा उपकरणों
  - \* आग संरक्षण
13. समय – समय पर और जब कभी आवश्यक हो, अपने व्यय पर कार्य स्थल से निर्दिष्ट क्षेत्र की ओर सभी कूड़े/ रद्दी/अनुपयोगी सामग्रियाँ निकाल देंगे और हटा देंगे।
14. प्रदत्त कार्य के संबंध में घटित होनेवाली सभी घटनाओं / दुर्घटनाओं यदि कोई हो तो, रिपोर्ट करेंगे। ठेकेदार घटना / दुर्घटना रिपोर्ट तैयार करके मालिक (ऑनेर्स) सेफ्टी विभाग में प्रस्तुत करेंगे।।

अनुबंध डी  
काली सूची/अवकाश सूची की घोषणा संबंधी पत्र

स्वामित्व प्रतिष्ठान के संबंध में :-

मैं एतद्वारा घोषणा करता/ करती हूँ कि न तो मैं अपने नाम पर या मेरे स्वामित्व प्रतिष्ठान सर्वश्री ..... के नाम पर जिसने संलग्न बोली /निविदा प्रस्तुत न कर रहे हैं या मेरे स्वामित्व में या किसी अन्य साझेदार कंपनी जिसमें मैं प्रबंध भागीदार के रूप में हो, वे नीचे सूचित को छोड़कर किसी केंद्रीय सरकारी सार्वजनिक कंपनी (सीपीएसयू) या किसी प्रशासनिक मंत्रालय द्वारा घोषित काली सूची या अवकाश सूची में न पड़े हैं। (यहाँ काली सूची या अवकाश सूची का विवरण दें , और उसके अभाव में शून्य सूचित करें)

साझेदार कंपनी के संबंध में

हम एतद्वारा घोषित करते /करती हैं कि न तो हम, सर्वश्री ..... ने प्रस्तुत बोली/निविदा प्रस्तुत करता है या कंपनी से शामिल किसी भागीदार न उनके वैयक्तिक क्षमता या स्वामित्व के रूप में या किसी कंपनी/ कारोबार के प्रबंधन भागीदार के रूप में नीचे सूचित को छोड़कर किसी केंद्रीय सरकारी सार्वजनिक कंपनी (सीपीएसयू) या किसी प्रशासनिक मंत्रालय द्वारा घोषित काली सूची या अवकाश सूची में न पड़े हैं। (यहाँ काली सूची या अवकाश सूची का विवरण दें , और उसके अभाव में शून्य सूचित करें)

कंपनी के संबंध में

हम एतद्वारा घोषित करते/ करती हैं कि हमें नीचे सूचित को छोड़कर किसी केंद्रीय सरकारी सार्वजनिक कंपनी (सीपीएसयू) या किसी प्रशासनिक मंत्रालय द्वारा घोषित काली सूची या अवकाश सूची में न पड़े हैं। (यहाँ काली सूची या अवकाश सूची का विवरण दें , और उसके अभाव में शून्य सूचित करें)

यह समझता हूँ कि यदि इस घोषणा के किसी भी विवरण गलत हो जाने पर हिंदुस्तान ओर्गेनिक केमिकल्स लिमिटेड या इसके प्रशासनिक मंत्रालय को मेरा/हमारा बोली अस्वीकार करने का अधिकार है और यदि बोली ठेके के रूप में हो जाने पर , प्रस्तुत ठेका समाप्त करने का अधिकार है।

स्थान:

बोलीदाता का हस्ताक्षर :

तिथि:

**यदि हिन्दी और अंग्रेज़ी पाठ में भिन्नता हो तो, अंग्रेज़ी पाठ प्रबल होगा।**

**In case of variation between Hindi and English version, English version will prevail**

**ANNEXURE - E**

**ANNEXURE TO BID AGAINST TENDER No: \_\_\_\_\_**

**(KINDLY FILL THIS SHEET AND SUBMIT IN -COMMERCIAL/TECHNICAL BID)**

<b>Name of Bidder:</b>		
<b>Sr. No.</b>	<b>Commercial Clauses</b>	<b>Bidder Confirmation (Please put v in front of your confirmation)</b>
1	Whether bidder (a proprietary concern, Partnership Firm, Company) is currently on holiday list/black list/de-listed or has been put on holiday/blacklisted/de-listed at any PSU/govt. Organization. If so, give details.	<input type="checkbox"/> Yes, We are on holiday List/Black List/De-List <input type="checkbox"/> No
2	Whether the party is registered under Micro/Small/Medium Enterprises act 2006 (Please furnish the proof)	<input type="checkbox"/> Micro <input type="checkbox"/> Medium <input type="checkbox"/> Small <input type="checkbox"/> No
	ii Status of MSE Bidder	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Services <input type="checkbox"/> Not Applicable
	iii Whether MSE bidder is offering product manufactured by him/her	<input type="checkbox"/> Yes <input type="checkbox"/> No
3	All MSE bidders shall register / declare their UAM Number on CPP Portal and copy of this registration / declaration shall be attached with the offer; failing which such bidders will not be able to enjoy benefits as per PP Policy for MSME order, 2012. <u>SSI/MSME/NSIC/UAM /DIC registration certificate</u>	<input type="checkbox"/> Mention UAM Number _____ <input type="checkbox"/> Not Applicable
	ii Submitted valid document against clause no 3 (i)	<input type="checkbox"/> Submitted <input type="checkbox"/> Not Applicable
4	Whether the proprietor of "MSME" enterprise is from SC/ST category (Please attach caste certificate issued by competent authority)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	ii Whether the proprietor of "MSME" enterprise is woman (i.e. Woman proprietorship, or holding minimum 51% shares in case of Partnership/Private Limited Companies)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	iii Submitted certificate against clause no 4 (ii)	<input type="checkbox"/> Submitted <input type="checkbox"/> Not Applicable
5	AGREED TO ALL TERMS AND CONDITIONS OF ENQUIRY: It is hereby stated that the quotation/offer submitted is in full compliance with the documents issued against the enquiry and also further confirmed that there is no deviation from all the terms and conditions as per the enquiry. Non-acceptance or deviation to HOCL's standard terms and conditions mentioned in enquiry documents may lead to rejection of offer, no correspondence shall be done for clarifications	<input type="checkbox"/> Agreed <input type="checkbox"/> Not Agreed
<p>DATE: _____</p> <p align="right">SIGN AND STAMP OF BIDDER</p>		

**ANNEXURE (F)**

(For Purchase Order/ Work Order with estimated value more than FIVE Lakhs)

**ANNEXURE TO BE SUBMITTED ALONG WITH THE BID AGAINST TENDER  
NO \_\_\_\_\_**

(KINDLY FILL AND SUBMIT ALONG WITH OMMERCIAL/TECHNICAL BID)

<b>Name of the Bidder:</b>		
Sr No.	Commercial Clauses	Bidder Confirmation(Please put $\surd$ )
1	Please mention whether you are a Class-I/Class II Local supplier.(Please see the definition given below)	Class I <input type="checkbox"/> Class II <input type="checkbox"/>
2	Specify the percentage (%) of local content.	----- %
3	Details of location at which the local value addition is made	
4	Mention whether the product offered is manufactured in India under a license from a foreign who hold intellectual property rights and there is a technology collaboration agreement / Transfer of technology agreement.	Yes / No

**SELF DECLARATION OF LOCAL CONTENT**

We hereby declare that the percentage (%) of local content specified against mentioned against Sr.No.2 is \_\_\_\_\_%.

We also understand that submitting False self-declarations and auditors will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a Bidder or its successors can be debarred for up to Two Years as per the Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under Law.

DATE:

SGNATURE AND STAMP

Definitions

Local Content: - The amount of value added in India(Total value of item procured minus the value of imported content in the item(including all customs duties) as a proportion of total value, in percentage.

Class I Local Supplier: - Supplier or service provider whose goods AND services or works offered for procurement has local content equal to or more than 50%.

Class II Local Supplier: - Supplier or service provider whose goods AND services or works offered for procurement has local content more than 20% but less than 50 %.

Purchase Preference: -Will be as per the applicable Government order.

DATE:

SIGNATURE AND STAMP

**ANNEXURE – H**

**BID SECURITY DECLARATION**

**ANNEXURE TO BE SUBMITTED ALONG WITH THE BID AGAINST TENDER**

**No.** \_\_\_\_\_

**I/We.....hereby declare that:**

1. I will not revoke the tender within the stipulated period/ validity period OR increase the quoted rates.
2. I will commence the work on intimating to start the work/ on receipt of Letter of Indent.
3. I will not withdraw or amend the tender or impair or derogate from the tender in any respect within the period of validity of the tender.
4. I will furnish the required performance security within the specified period.

**NAME AND ADDRESS OF THE BIDDER**

**PLACE:**

**DATE:**

**SIGNATURE AND STAMP OF THE BIDDER**