

**Minutes of Pre-Bid Conference**  
held on 12.09.2019 at 2.30 P.M . at CSIR – IHBT, Palampur, HP

for  
**Purchase of Multi-purpose Field essential oil distillation units**  
against Tender No. 4/5 ( 320) – Pur dated 27/08/2019

The following attended the conference.

**From Technical & Purchase Committee ( T&PC)**

Dr.Vipin Hallan,	Senior Principal Scientist	Chairman
Dr Y.Padhwad	Senior Scientist	Member
Dr.Mohit Sharma	Senior Scientist	IO-Member
Dr.Sanatsujat Singh	Senior Scientist	PL-Member
Shri.Amarjeet	SO (G)	Member
Shri S.N.Gulia	FAO	Member
Shri S.Gnanaprakasam	COSP	Member - Convenor

**From Bidders:**

- Nil Attendance -

TPC notes neither any bidder had sought any clarification as per tender conditions nor attended the scheduled Pre Bid Conference. Hence it concludes the CSIR –IHBT's tender document dated 27.08.2019 is very clear and unambiguous, well understood by prospective bidders.

However, CSIR – IHBT issues amendments to specifications/quantity/tender conditions/installation sites as stated in the Annexure – I. the following additional condition to the tender document.

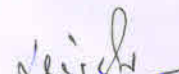
Tenders to be submitted accordingly.

Member


  
Member 13/9/19


Member




  
Member (IO) 13/09/19

  
Member (PL) 13/9/19

  
FAO  
13-9-19

  
COSP  
13/9/19

  
Chairman 13-9-19

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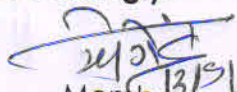
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Member 13/9/19

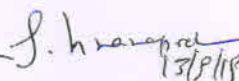
Member




  
Member (IO) 13/09/19

  
Member (PL) 13/9/19

  
FAO  
13.9.19

  
COSP  
13/9/19

  
Chairman 13.9.19

Date:13.09.2019

SUBJECT: Revision of tendered specification Tender No. 4/S(320) - Pur dated 27/08/2019

The following points may be revised as per present requirement:

S. no.	Description of item in Tender	Tendered specs	Revised specs
1.	Item no. 1	The quantity to be supplied 9 no.s	The quantity to be supplied 5 no's
2.	Item no. 2	The quantity to be supplied 6 no's	The quantity to be supplied 10* no's (5+5 as per specs in table sr. no. 6)
3.	Annexure-II	Tentative location of distillation unit	Revised Tentative location of distillation unit Annexure -II (attached with this letter)
4.	Item no. 4; Sr. No. 11	Steam generator tank along with condenser and suitable pump and hybrid piping to supply the steam to the spurger and jacket of the distillation tank.	Electric Steam generator having capacity of 40 kg per hour steam production made up of all SS304 with working pressure of 5 kg/sqm. The boiler should be automatic with respect to water level, high and low pressure cutoff with suitable control panel, on off switches, voltmeter, ammeter, electric heater, safety valve etc. The entire machine should be skid mounted. All piping valves, fitting, pressure gauges may be provided for full operation of machine. A suitable size SS steam line with fitting and steam valve, condensate trap from boiler to spurger and jacket inlet and outlet.
5.	Item no. 4; Sr. no. 14	SS water and condensate storage tank of different capacity with drain valve at the bottom and mounted on castor wheels with suitable support to transfer the same from one place to another place QTY 8 no.	SS water and condensate storage tank of different capacity with drain valve at the bottom and mounted on castor wheels with suitable support to transfer the same from one place to another place QTY 2 no.
6.	Item no. 2	<b>SS Distillation tank:</b> 1125Ø x 1200 x 3.0 thk with top flanged lid 1200Ø x 3.0 thk inbuilt SS 304 Square calandria1100 x 1100 x 300H x 3thks sides and 4 thk bottom with 4 numbers 100Ø SS 304 smoke pipes and 500 x 75Ø SS flanged vapour line. 6 thk false bottom having 1080 Ø with perforations of 5mm holes on triangular pitch with 4 numbers of lifting chains. Manhole on the side of tank with ID-400mm and OD- 480mm tighten with I bolts and 50Ø drain valve in the calandria. An analog type temperature gauge having	<b>SS Distillation tank:</b> 1125Ø x 1200 x 3.0 thk with top flanged lid 1200Ø x 3.0 thk inbuilt SS 304 Square calandria1100 x 1100 x 300H x 3thks sides and 4 thk bottom with 4 numbers 100Ø SS 304 smoke pipes and 500 x 75Ø SS flanged vapour line. 6 thk false bottom having 1080 Ø with perforations of 5mm holes on triangular pitch with 4 numbers of lifting chains. Manhole on the side of tank with ID-400mm and OD- 480mm tighten with I bolts and 50Ø drain valve in the calandria. An analog type temperature gauge having range 0-160

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		range 0-160 deg C should be provided on the shell side. A suitable glass guided with steel level gauge be provided at the calandria shell side. Volumetric capacity of tank ~ 1200 liters.	deg C should be provided on the shell side and at the top of cohabation column. A suitable glass guided with steel level gauge be provided at the calandria shell side. Volumetric capacity of tank ~ 1200 litres. <b>Cohabation column with suitable SS packing and column height of at least 4 feet and outer diameter of 100 mm.</b> *Note: The above specification should meet for only 5 no. units out of 10 units rest 5 units should be quoted without cohabation unit
7.	Item no. 4; Sr. no. 12	Accessories: (i) 1300 false bottom with SS 6thk tested chain-1 set, (ii) All nut bolts to be of SS	Accessories:ii) All nut bolts to be of SS
8.	Delivery time	The delivery period of all units should be 3 months from date of acceptance of purchase order	
9.	Installation & Commissioning	The installation period should be 1 month from the date of receipt of material at all sites.	

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## ANNEXURE-II

## REVISED TENTATIVE DISTILLATION UNIT

Sr. No.	Place	State
1	Sonepat	Delhi <i>Haryana</i>
2	Hamirpur/ Bilaspur	Himachal Pradesh
3	Thunag, Mandi	Himachal Pradesh
4	West Sikkim	Sikkim
5	Sangrur	Punjab
6	Alampur, Kangra	Himachal Pradesh
7	Bhuana, Kangra	Himachal Pradesh
8	Aizawl	Mizoram
9	Jharkhand	Jharkhand
10	Palampur	Himachal Pradesh
11	Kishtwar	J&K
12	Agra/ Kullu	UP
13	Bastar	Chhattisgarh
14	Chamoli	Uttarakhand
15	Chachiyot, Sundernagar, Mandi	Himachal Pradesh
16	Jassurgarh, Tissa, Chamba	Himachal Pradesh
17	Palampur	Himachal Pradesh

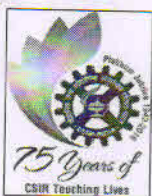
## TSC Members

Dr. Vipin Hallan, Chairman

Dr. Y. Padwad *24/9/19*Er. Mohit Sharma *13/9/19*

Dr. Sanatsujat Singh

*13/9/19.*



**CSIR-INSTITUTE OF HIMALAYAN BIORESOURCE TECHNOLOGY**  
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e-mail: [spo@ihbt.res.in](mailto:spo@ihbt.res.in)

**ATTENDANCE SHEET**

**Pre-bid Conference for  
Purchase of Multi-purpose Field essential oil distillation units  
against Tender No. 4/5 ( 320) – Pur dated 27/08/2019**

The following representatives have attended for the Pre-bid Conference held on 12.09.2019 at 2.30 p.m . at CSIR – IHBT, Palampur, HP

Sl. No.	Company Name & Address	Representative's Name, Designation & Contact Telephone No. with e-mail	Signature of the Representative who attended pre-bid

NIL