



चेन्नै पेट्रोलियम कॉर्पोरेशन लिमिटेड
(इंडियन ऑयल की ग्रुप कम्पनी)

CHENNAI PETROLEUM CORPORATION LIMITED

(A group company of IndianOil)

Manali, Chennai- 600 068

Tamil Nadu, INDIA

CONTRACTS CELL

Tender Document

FOR

**OPERATION & MAINTENANCE OF CENTRAL,
PACKAGED AC PLANTS AND WINDOW / SPLIT
AIR CONDITIONERS AT MANALI REFINERY OF
CPCL.**

TENDER DOCUMENT NO.: CC012611

DATED 12.09.2011

REVISED PRICE BID (PART-B)

(Annexure- 5 to Corrigendum 2 dated 04.10.2011)

Cost of Tender Fee: Nil



PRICE DOCUMENT (PART-B)

INDEX

Section	Description	Sheets
1.	Wrapper Sheet	01-01
2.	Index	02-02
3.	Press Clipping -Abridged Version	03-03
4.	Notice Inviting Tender	04-14
5.	Time Schedule	15-15
6.	Schedule of Rates [SOR]	16-37



CHENNAI PETROLEUM CORPORATION LIMITED (A group company of IndianOil) Manali Chennai-600 068, Tamil Nadu, India				
Sl. No.	Name of the work (NIT No.)	Viewing & down loading of document / application	Site Visit	Due date & time of Bid / Application submission (Hard Copy)
NOTICE INVITING TENDER (DOMESTIC BIDDING)				
1	Operation & Maintenance of Central, Packaged AC plants and Window / Split Air conditioners at Manali Refinery of CPCL. (NIT No. CC012611)	From 12.09.2011 Onwards	20.09.2011 at 10.00 am	Upto 3.00 PM on 03.10.2011
2	Supply and Application of paints and other painting related jobs at Manali Refinery of CPCL for Zone-2 (CC012811)	From 13.09.2011 Onwards	23.09.2011 at 10.00 am	Upto 3.00 PM on 04.10.2011
Contact Details: Visit our website www.cpcl.co.in / Phone No.25944434 /2594 4222				
Please visit and download the tender document from our website under "Tenders", view "Refinery Tenders" and "Contracts Tenders". All further corrigenda, time extension for submission, if any, will be published only in our Website, not through Press Advt.				



Notice Inviting Tender (NIT)

**CHENNAI PETROLEUM CORPORATION LIMITED**

(A group Company of IndianOil)
Manali, Chennai-68

CONTRACTS CELL**NOTICE INVITING TENDER (NIT)**

Ref: CC012611

Date: 12.09.2011

Dear Sir / Madam,

Name of the work: Operation & Maintenance of Central, Packaged AC plants and Window / Split Air conditioners at Manali Refinery of CPCL

Ref. : CC012611, dated 12.09.2011

Sealed Item Rate tenders are invited in two bid system [Part- A (i.e.) Techno Commercial Bid and Part-B (i.e.) Price Bid] on behalf of Chennai Petroleum Corporation Limited (CPCL).

Commencement of viewing and down loading Tender document from CPCL web site	12.09.2011 onwards
Site visit	20.09.2011 at 10.00 am (Tuesday)
Due Date & Time of submission (Hard copy)	03.10.2011 up to 03.00 PM
Opening of Techno-Commercial bid (Part-A)	04.10.2011 at 10.00 AM
Cost of bid document	Not Applicable
EMD by DD/BG	Group - 1 = Rs. 3,17,000.00
	Group - 2 = Rs. 1,37,000.00

- 1.0** Bidders to submit their offer by downloading the complete set of tender document from the web site (www.cpcl.co.in). The bidder has to ensure that the tender document is strictly as per the order indicated in the master index and the offer submitted so, will be considered for evaluation only if it is accompanied with the requisite value EMD. The bidders, who submit their offer by downloading from web site, are bound only by hardcopies, which are available with CPCL, in case of any discrepancy with any part of the tender document.

**2.0 COMPLETION PERIOD:**

The completion of the subject contract shall be fully governed under time schedule given in the bid document.

3.0 PRE-QUALIFICATION CRITERIA:

- 3.1 Bidder shall ensure submission of complete information / documentation. CPCL reserves the right to complete the evaluation based on the details furnished by the agencies without seeking any subsequent additional information.
- 3.2 Experience of only bidding entity shall be considered. Bidder's in-house work experience (where for the past experience referred for qualification, the contractor and the owner belong to the same organization which includes subsidiaries/parent Company) shall not be considered as valid experience for the purpose of qualification.
- 3.3 CPCL reserves the right to use their in-house information for assessment of Bidder's capabilities.
- 3.4 Bids on consortium or JV basis are not acceptable.
- 3.5 The Tenderers who intend to participate shall meet the following minimum requirements and such of those bidders shall be pre-qualified for this tender.
- 3.6 The annual audited financial turnover of the prospective bidders during any one of the last four preceding financial years ending 2007-2008, 2008-2009, 2009-2010 and 2010-2011 or December 2007, December 2008, December 2009 and December 2010 shall be equal to or more than the value indicated in the tabulation given below.
- 3.7 The net worth of the bidder during the last audited financial year should be positive.
- 3.8 The seven years of past experience shall be reckoned prior to 31.07.2011.

Condition	Minimum Experience requirements	Financial turnover requirement
Bidder Intends to apply for Group 1 only	<p>The participating bidders should be service providers offering operation and maintenance services for central and packaged air conditioning plants of cumulative capacities not less than 265 TR during a continuous period of one year within the above stipulated seven year period.</p> <p>The participating bidders should have executed O&M works for atleast 130 TR of Central air</p>	<p>Rs 48.0 Lakh</p>



	<p>conditioning units and for evaluation purposes, capacities of 15 TR and above only will be considered.</p> <p>The jobs could have been executed in one or more locations.</p> <p>Bidders who have exclusively executed O&M contracts for packaged air conditioning units will <u>not</u> be considered for evaluation against the stipulated PQ criteria.</p> <p>Bidders who have exclusively executed O&M contracts for central air conditioning units will be considered for evaluation against the stipulated PQ criteria.</p> <p>Bidders shall clearly state the one year period within which their credentials are to be considered and shall clearly give order wise break up of capacities and locations towards fulfilling the PQ criteria.</p>	
Bidder Intends to apply for Group 2 only	<p>The participating bidders should be service providers offering "Annual maintenance type" services for a minimum of 220 numbers of window or split air conditioning units through one or more than one contract within a continuous period of one year within the above stipulated seven year period.</p> <p>The participating bidders should have executed annual maintenance contract for minimum of 55 numbers of window or split Air conditioners issued by a single organization.</p> <p>The jobs could have been executed in one or more locations.</p> <p>Bidders shall clearly state the one year period within which their credentials are to be considered and shall clearly give order wise break up of number of air conditioners and locations towards fulfilling the PQ criteria.</p>	RS 20.50 Lakh
Bidder Intends to apply for both Groups 1 and 2	<p>The bidder shall meet the experience criteria specified for both Group 1 and Group 2 mentioned above.</p>	RS 68.50 Lakh



4.0 **TENDERING AND EVALUATION METHODOLOGY:**

The intending bidder can quote for either one of the groups or for both groups, subject to meeting the PQ criteria as stipulated above. Award of contract is to be made individually for each group. Techno commercially qualified L1 offer shall be considered for awarding the job for EACH GROUP.

5.0 **OTHER CRITERIA:**

5.1 Bidder should not be under liquidation, court receivership or similar proceedings.

5.2 Bidders shall submit PF, ESI, PAN and Service tax Registration certificates on their own company name along with the techno-commercial bid.

6.0 **PART-A OF THE OFFER**

The bidders, who had downloaded the tender document from CPCL website, shall submit in this part, the requisite EMD amount and the techno commercial bid duly signed and stamped on all pages and submitted along with all the necessary supporting documents.

Any other conditions mentioned shall not be taken into account and if insisted upon, the tender shall be liable for rejection.

7.0 **PART-B (PRICE BID)**

Part-C will have the price bid which will be opened after the bidder is qualified in earlier two parts. This part of the bid shall contain only the "Schedule of Rates" [SOR] duly filled in all respects.

It is to be noted that this part shall contain only prices and no conditions whatsoever. Any conditions given in this part shall not be considered and if insisted upon by the Bidder shall render the Tender liable for rejection.

8.0 **Part-A: Mandatory and Techno-Commercial Part:**

This part shall contain the Mandatory Integrity pact, EMD & technical and commercial (Un-priced) Bid. This part shall comprise the tender document, addendum, corrigendum (if any), of the information listed for submission in Part-A under relevant clause.

9.0 **PRE-BID/SITE VISIT:**

Site Visit shall be arranged for intending representatives of the bidders on **20.09.2011** at 10.00 Hrs. Advance intimation shall be sent latest by 19.09.2011 to CPCL at the below mentioned address indicating the name of the person visiting the site.



Kind Attn.: Shri. S. Sakthevelan
Manager (Contracts Cell) CPCL, Manali, Chennai-68 Phone:044-2594-4434,
Intercom 3840 / Fax No. 044-25940575 / 2594 4222

No. of Participants: Restricted to two (2) people only.

9.0 **BID SUBMISSION:**

Bids can be submitted either in person or can be despatched through post. In either case it should be ensured by participating bidders, that bids are received by tender inviting department within the submission due date and time as spelt out in bid document.

In case of submission in person, bids shall be dropped by the bidders in the Tender Box kept in the room at CISF Gate Building at West Gate-I at CPCL Manali, Chennai after ensuring its entry in the Tender Receipt Register maintained by the custodian of the Tender Box on or before **03.10.2011 up to 3.00 PM**. Bids can be submitted on any working day before the last date of submission of bid between 9.00 am and 3.00 pm. No time extension for bid submission is permitted.

The tender documents which are bulky and could not be dropped in the above Tender Box, shall be submitted to the following CPCL representative in between 09.00 am and 03.00 pm after ensuring its entry in the Tender Receipt Register maintained.

Office of PA to DGM (M&C),
Room No.1 Admn Block-III,
(Materials Management Department)
CPCL, Manali, Chennai – 600 068.

10.0 **BID OPENING:**

Part-A (Techno-Commercial) Bid shall be opened on **04.10.2011 at 10.00 AM** in the presence of authorized representative of bidders (Restricted to one [1] person Only) at the office of the Manager (Contracts Cell) CPCL. Part-B (Price Bid) of only those bidders, whose offers are found techno-commercially acceptable, shall be opened on a later date as per convenience of CPCL after intimation to the qualified bidders.

11.0 **MODE OF SUBMISSION OF TENDER:**

Bids shall be submitted individually for each tender in a sealed cover superscribed "Tender-Do not Open" , "Tender Reference", "Job description" and addressed to:

Shri S. SAKTHEVELAN
Manager (Contracts Cell)
Room No.26, Administration Block-III
Materials Management Department



Chennai Petroleum Corporation Ltd.,
Manali, Chennai-600068
Fax No.: 044-25940575 / Intercom: 3840
Tel Nos.: 044-2594 4434

This shall contain two (2) separately sealed envelopes superscribed as below for each tender.

Part-A : Techno-Commercial Part for Tender No. : CC012611

Part-B : Separate sealed Priced Part for Tender No. : CC012611

12.0 Part-A: Techno-Commercial Part:

This part shall contain Mandatory & technical and commercial (Un-priced) bid. This envelope shall comprise the original signed copy of tender document, addendum, corrigendum, (if any), of the information listed for submission in Part-A under the clause no. 12.0 given below.

The envelope shall have following information clearly written on the outside of the envelope, failing which CPCL will assume no responsibility for the misplacement or premature opening of the bid.

This envelope shall comprise the original signed copy of Tender document and drawings, addendum / corrigendum (if any), One Original + one copy of the information's listed for submission in Part-A in the relevant para. EMD (if applicable) shall also be submitted along with this Part in a separately sealed envelope "EMD FOR TENDER NO: CC012611".

Part-A Techno- Commercial bid [Un-priced]

Name of the work _____
Tender No. _____
Due date & Time of opening: _____
From: [Name & Address of the Bidder]_____

} Bidder to fill up this on the top of the cover while submitting their offer

13.0 Part-B Sealed Priced Bid:

This part of the bid shall contain only the "Schedule of Rates" [SOR] duly filled in all respects. The envelope shall have the following information clearly written on outside of the envelope, failing which CPCL will assume no responsibility for the misplacement or premature opening of the bid.

Part-B: Priced bid

Name of the work _____
Tender No. _____
Due date & Time of opening: _____

} Bidder to fill up this on the top of the cover while submitting their offer



From: [Name & Address of the Bidder]_____

This part shall contain only "SCHEDULE OF Rates" duly filled in all respects and other information specifically requested for submission in Price Part under relevant Para and shall be submitted in a separately sealed envelope super scribing "PRICE PART FOR TENDER NO. CC012611 "DO NOT OPEN". It is to be noted that the sealed envelope containing this part shall contain only prices and no conditions whatsoever. Any conditions given in this part shall not be considered and if insisted upon by the Bidder shall render the Tender liable for rejection.

14.0 Part-A (Technical and Un-priced Commercial part) of the offer shall contain the following attachments specifying attachment number arranged in the order as follows:

- a. Tender Document marked as "ORIGINAL" duly signed and stamped on each page in token of acceptance.
- b. List of equipment, tools and Tackles to be deployed for this work
- c. Manpower deployment
- d. Income tax PAN.
- e. Service Tax Number with a copy of registration certificate.
- f. EPF No with a copy of certificate.
- g. ESI No with copy of certificate.
- h. VAT-TIN
- i. CST No.
- j. EMD (If applicable)

15.0 **Part-B (Priced Part) of the offer shall contain the following:**

Part-B of the offer shall contain only the above documents and no other conditions. All corrections must be duly stamped and signed. Any other conditions mentioned in Part-B shall not be taken into account and if insisted upon, the tender shall be liable for rejection.

On the due date of opening of tenders only Part-A of the tender shall be opened. Price Part (Part-B) of the only technically acceptable tenders shall be opened at later date.



During the opening of Un-priced Part (Part-A), only the names of agencies who have quoted and EMD (if applicable) furnished by them shall be read out and no other information, whatsoever shall be given.

During the opening of Priced Part (Part-B), only the summary of prices quoted shall be read out and no other information, whatsoever shall be given.

In the event the specified date of Tender opening being declared a holiday for CPCL, the Tender shall be opened at the appointed time and location on the next working day.

16.0 **GENERAL:**

- a. There shall not be any case or charge under investigation / enquiry / trial against the bidder, nor convicted in a court of Law nor suspended / black listed by any organization on any grounds.
- b. If the performance of the Bidder is / has been found to be unsatisfactory for any reasons whatsoever, in any organization including CPCL, then CPCL reserves the right to reject the bids submitted by such bidders.
- c. The bidders should possess the following statutory approvals viz., PF registration code number, ESI registration code number, Income Tax PAN number and Service tax registration Certificates on their own Company's name.
- d. The tender document is not transferable.
- e. The bid and all correspondences incidental to and concerning the bid shall be only in English language.
- f. Canvassing in any form by the bidder himself or by any other agency on their behalf may lead to disqualification of their bid.
- g. The Financial net worth of the bidder shall not be negative for the last audited financial year.
- h. CPCL shall not be responsible for any costs or expenses incurred by bidder in connection with the preparation of delivery of bids, including costs and expenses related with visits to the site and pre-bid meeting.
- i. Issuance / Purchase of tender document or submission of tender document by itself shall not amount to pre-qualification or entitle the agency to participate in the bidding.
- j. Bidder submitting their bids should not be under liquidation, court receivership or similar proceeding. The bidder should not have been black listed or kept under holiday list in any of the Public Sector Units.



- k. The Bidder shall ensure submission of complete information / documentation in the first instance itself. CPCL reserve the right to complete the evaluation based on the details furnished by the agencies without seeking any subsequent additional information. Tenders not in compliance with tender document (or) with incomplete information / documents are liable for rejection.
- l. Clarification, if any can be obtained from S.Sakthevelan, Manager (Contracts Cell) on fax No.044+2594-0575 citing reference of NIT No. & Name of the Work.
- m. CPCL takes no responsibility for delay or non-receipt of offers sent by post/couriers. Offers received late (beyond the stipulated time and date mentioned in this NIT) are liable to be rejected. Telex / Telegrams / Fax /CD /Floppy offers will not be accepted.
- n. CPCL reserves the right to reject any or all tenders in part or in full without assigning any reason thereof.
- o. The Experience and Financial turnover of the bidding entity only shall be considered.
- p. Bidder submitting their bids should not be under liquidation, court receivership or similar proceedings.
- q. The bidders shall submit documentary evidence in support of the above pre- qualification criteria.
- r. For evaluation of PQ Criteria, the past contract value of the bidders shall be multiplied by a correction factor for each completed year as given below:

No. of completed years	Correction factor
Two	1.07
Three	1.14
Four	1.23
Five	1.31
Six	1.40
Seven	1.50

Please acknowledge receipt of this letter with all enclosures and confirm that you will submit your bid on or before the due date.



In case you decide not to quote for this work, please delete the soft copies of the tender documents down loaded. Please be noted that the bid document is property of CPCL and not be copied or used elsewhere.

Thanking you,

Very truly yours
FOR AND ON BEHALF OF
CHENNAI PETROLEUM CORPORATION LIMITED

S.Sakthevelan
Manager (Contracts Cell)

Encl: As stated



Time Schedule (TS)

**Annexure-II to SCC**

Name of the work: Operation & Maintenance of Central, Packaged AC plants and Window / Split Air conditioners at Manali Refinery of CPCL

Ref. : CC012611, dated 12.09.2011

TIME SCHEDULE

Sl No	Name of Work	Completion Period
1	Operation & Maintenance of Central, Packaged AC plants and Window / Split Air conditioners at Manali Refinery of CPCL (Group 1)	Twenty Four (24) months from the date of commencement of services.
2	Operation & Maintenance of Central, Packaged AC plants and Window / Split Air conditioners at Manali Refinery of CPCL (Group -2)	Twenty Four (24) months from the date of commencement of services.

- 1) The successful contractor shall meet the EIC immediately upon receipt of FOA and attend the kick-off meeting.
- 2) The exact date of mobilization to start the work at site will be informed by EIC during the kick-off meeting.
- 3) If required, the successful contractor should be prepared to commence their services within 15 Days from the date of issue of FOA.

SIGNATURE OF THE TENDERER
WITH OFFICIAL SEAL



Schedule of Rates (SOR)

Note:

1. Bidders shall quote their unit rates for each item in 'figures' in the space provided. It shall also be written in 'words' below the 'figures' to avoid any ambiguity during evaluation.
2. At the end of Schedule of Rates, total in 'figures' and 'words' shall be written without fail.



SOR FOR GROUP -1

Schedule of Rates

Service Required for Plant: 9910 ,CPCL-Manali Refinery

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
------------------	-----------------------------	----------	------	------	--------

RFQ ITEM NO.00010 PART-1 O&M OF CENTRAL, PACKAGED AC UNITS

00010

GROUP:1

OPERATION AND MAINTENANCE OF CENTRAL

AC PLANTS AND PACKAGE AC UNITS

AS PER SCOPE OF WORK AND TERMS &
CONDITIONS ATTACHED.

00020

GROUP-1 - PART-1

Operation of Central air conditioning
plant and package ac units as per
scope of work, list and location of
plants and terms and conditions
attached.

The rate indicated in the SOR is
Lumpsum charges per month for the total
Quantity and Capacity of package units
indicated in the description.

00030

24.000 MON

OPN. OF CENTRAL & PACKAGE AC UNITS

00040

12.000 MON

CHARGES PER MONTH FOR OPERATION OF
CENTRAL AIR CONDITIONING UNITS IN
GT-4 CONTROL ROOM, MAKE : BLUE STAR,
(50 TR - 2 NOS).

00050

12.000 MON

CHARGES PER MONTH FOR OPERATION OF
CENTRAL AIR CONDITIONING UNITS IN
GT-4 SWITCH GEAR ROOM, MAKE : BLUE
STAR, (40 TR - 2 NOS).

00060

GROUP-1:

Maintenance of Central air conditioning
plant at the following buildings
/ locations at manali Refinery as per
the detailed scope of work,
specificatons and terms and conditions

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	stipulated in the bid document. The maintenance of the plant is comprehensive type in nature. The rate indicated in the SOR is Lumpsum charges per month for the total Quantity and Capacity of package unites indicated in the description.				
	00070	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN NEW ADMINISTARTION BLOCK, PLANT MODEL : 5H46X3, MAKE : VOLTAS, (46 TR - 3 NOS.).				
	00080	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN OLD ADMINISTARTION BLOCK, PLANT MODEL : 5H40X2, MAKE : VOLTAS, (40 TR - 2 NOS.).				
	00090	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN OLD ADMINISTARTION BLOCK-2, PLANT MODEL : SMC465, MAKE : BLUESTAR, (20 TR - 1 NO.).				
	00100	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN OLD TRAINING CENTRE, PLANT MODEL : 5F60X1, MAKE : VOLTAS (30 TR - 1 NO.).				
	00110	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN NEW TRAINING CENTRE, PLANT MODEL : 5F40X2, MAKE : VOLTAS (20 TR - 2 NOS.).				
	00120	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN WORKSHOP (EXTENSION) BUILDING, PLANT MODEL : AC570, MAKE : BLUESTAR (40 TR - 1 NO.).				

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
00130	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN R &D MAIN BUILDING, PLANT MODEL : AC570, MAKE : BLUESTAR (40 TR - 3 NOS).	24.000	MON	.....	.....
00140	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN R &D RESOT BUILDING, PLANT MODEL : 5F40X2, MAKE : VOLTAS, (20 TR - 2 NOS).	24.000	MON	.....	.....
00150	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN REFINERY - I CONTROL ROOM, PLANT MODEL : AC470,32X2, MAKE : VOLTAS, (32 TR - 2 NOS).	24.000	MON	.....	.....
00160	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN RREFINERY - I OPTIMISATION ROOM, PLANT MODEL : 5F40X2 , MAKE : VOLTAS, (20 TR - 2 NOS).	24.000	MON	.....	.....
00170	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN RREFINERY - I SHIFT MANAGER ROOM (FIRST FLOOR), PLANT MODEL : 5F40X1 , MAKE : VOLTAS, (20 TR - 1 NO).	24.000	MON	.....	.....
00180	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN RREFINERY - I FIELD PANEL ROOM, PLANT MODEL : 5H66X2 , MAKE : VOLTAS, (66 TR - 2 NOS).	24.000	MON	.....	.....
00190	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN OLD POWER PLANT, PLANT MODEL : 5H66X3 , MAKE : VOLTAS, (66 TR - 3 NOS).	24.000	MON	.....	.....
00200	CHARGES PER MONTH FOR MAINTENANCE OF	24.000	MON	.....	.....

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	CENTRAL AIR CONDITIONING UNITS IN LEB CONTROL ROOM, PLANT MODEL : 5H86X2 , MAKE : VOLTAS, (86 TR - 2 NOS).				
00210		24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN REFINERY - II CONTROL ROOM, PLANT MODEL : KC4 80X2 , MAKE : KIRLOSKAR, (80 TR - 2 NOS).				
00220		24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN REFINERY - II CONTROL ROOM (FIRST FLOOR), PLANT MODEL : KC2 40X2 , MAKE : KIRLOSKAR, (40 TR - 2 NOS).				
00230		24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN NEW LABORATORY BLOCK, PLANT MODEL : 5H46X1 , MAKE : VOLTAS, (46 TR - 1 NO).				
00240		24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN REFINERY-3 GT CONTROL ROOM, PLANT MODEL : SMC4100 , MAKE : AXUIL, (48 TR - 2 NOS).				
00250		24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN REFINERY - III SRU CONTROL ROOM, PLANT MODEL : 5H46, MAKE : VOLTAS, (46 TR - 2 NOS).				
00260		24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN OLD TECHNICAL SERVICES BUILDING, MAKE : BLUE STAR, (40 TR - 1 NO).				
00270		12.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN GT-4 CONTROL ROOM, MAKE : BLUE STAR,				

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	(50 TR - 2 NOS).				
00280		12.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF CENTRAL AIR CONDITIONING UNITS IN GT-4 SWITCH GEAR ROOM, MAKE : BLUE STAR, (40 TR - 2 NOS).				
00290					
GROUP-1:	Operation of Package air conditioning plants at the following buildings / locations at manali Refinery as per the detailed scope of work, specifications and terms and conditions stipulated in the bid document. The maintenance of the plant is comprehensive type in nature. The rate indicated in the SOR is Lumpsum charges per month for the total Quantity and Capacity of package unites indicated in the description.				
00300		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN NEW ADMINISTARTION COMP SERVICE, MODEL : PA1600A, MAKE :ETA, (16.5 TR - 2 NOS.)				
00310		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN NEW ADMINISTARTION COMP SERVICE, MODEL : PA1600A, MAKE :VOLTAS, (16.5 TR - 1 NO.).				
00320		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN NEW CANTEEN, MODEL : 50BA016X2, MAKE :VOLTAS, (15 TR - 2 NOS.).				
00330		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN WORKSHOP EXTENSION BUILDING, MAKE :VOLTAS, (15 TR - 1 NO.).				

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
00340		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN MATERIALS BUILDING GROUND FLOOR, MAKE :BLUE STAR, 22 TR - 4 NOS.				
00350		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN MATERIALS BUILDING GROUND FLOOR, MAKE :BLUE STAR, 16.5TR - 1 NO.				
00360		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN MATERIALS BUILDING FIRST FLOOR, MODEL: DPA 2642S, MAKE :BLUE STAR, 22 TR - 2 NOS. MODEL: DPA 1983S, MAKE :BLUE STAR, 16.5 TR - 1 NO. MODEL: DPA 1322S, MAKE :BLUE STAR, 11 TR - 2 NOS. MODEL: DPA 661S, MAKE :BLUE STAR, 5.5 TR - 1 NO.				
00370		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN MATERIALS MANAGEMENT BUILDING SECOND FLOOR, MODEL: DPUASC2110Y, MAKE :VOLTAS, 17 TR - 3 NOS. MODEL: MRATU, MAKE :VOLTAS, 11 TR - 5 NOS.				
00380		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN LEB FIELD PANEL ROOM, MODEL: PW01011, MAKE :BLUE STAR, 10 TR - 2 NOS.				
00390		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN LEB UPS ROOM SPLIT PACKAGE, MODEL: 52/53BB005X1, MAKE :VOLTAS, 5 TR - 1 NO.				
00400		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF				

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	PACKAGE AIR CONDITIONING UNITS IN DHDS VSD ROOM, MODEL: 50BB008NX4, MAKE :VOLTAS, 7.5 TR - 4 NOS.				
00410		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN OM &S CONTROL ROOM, MODEL: DUCTABLE SPLIT, MAKE :CARRIER, 16.5 TR - 3 NOS.				
00420		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN LAB FIRST FLOOR, MODEL: 40LC/018/FD, MAKE :CARRIER, 16.5 TR - 1 NO.				
00430		24.000	MON	.....	.....
	LAB FIRST FLOOR, 22TR-2NOS				
00440		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN REFINERY-3 FIELD PANEL ROOM, MODEL: DPU3475, MAKE :VOLTAS, 7.5 TR - 2 NOS.				
00450		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN REFINERY-3 110KV YARD PANEL ROOM, MODEL: DCU455, MAKE :VOLTAS, 5.5 TR - 2 NOS.				
00460		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN REFINERY-3 DM WATER PLANT CONTROL ROOM, MODEL: DPA1001S, MAKE :BLUESTAR, 7.5 TR - 3 NOS.				
00470		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN ANALYSER ROOM (PROJECT), MODEL: PACKAGE UNIT, MAKE :BLUESTAR, 8.5 TR - 2 NOS.				
00480		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF				

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	PACKAGE AIR CONDITIONING UNITS IN GT-3 FIELD PANEL ROOM, MODEL: PACKAGE UNIT, MAKE :ETA, 16.5 TR - 2 NOS.				
00490		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN OPH FIELD PANEL ROOM, MODEL: DUCTABLE SPLIT, MAKE :CARRIER, 11 TR - 4 NOS.				
00500		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN GT-3 SWAS, MODEL: PACKAGE UNIT, MAKE :ETA, 7.5 TR - 2 NOS.				
00510		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN OLD WORKSHOP, MODEL: PACKAGE UNIT, MAKE :VOLTAS, 11 TR - 4 NOS.				
00520		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN EURO-IV SUB STATION PROJECT, MODEL: PACKAGE UNIT, MAKE :BLUE STAR, 16.5 TR - 2 NOS.				
00530		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN SRR-1 AT REFINERY-3, MODEL: DPW1983S, MAKE :BLUE STAR, 16.5 TR - 3 NOS.				
00540		24.000	MON	.....	.....
	CHARGES PER MONTH FOR OPERATION OF PACKAGE AIR CONDITIONING UNITS IN SRR-1 AT REFINERY-3, MODEL: DPW1983S, MAKE :BLUE STAR, 16.5 TR - 3 NOS.				
00550					
	Carryout Maintenance of Package air conditioning plants at the following buildings / locations at manali Refinery as per the detailed scope of work, specificatons and terms and conditions stipulated in the bid document. The maintenance of the plant				

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	is comprehensive type in nature. The rate indicated in the SOR is Lumpsum charges per month for the total Quantity and Capacity of package unites indicated in the description.				
00560	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN NEW ADMINISTARTION COMP SERVICE, MODEL : PA1600A, MAKE :ETA, (16.5 TR - 2 NOS.),	24.000	MON	.....	.....
00570	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN NEW ADMINISTARTION COMP SERVICE, MODEL : PA1600A, MAKE :VOLTAS, (16.5 TR - 1 NO.).	24.000	MON	.....	.....
00580	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN NEW CANTEEN, MODEL : 50BA016X2, MAKE :VOLTAS, (15 TR - 2 NOS.).	24.000	MON	.....	.....
00590	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN WORKSHOP EXTENSION BUILDING, MAKE :VOLTAS, (15 TR - 1 NO.).	24.000	MON	.....	.....
00600	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN MATERIALS BUILDING GROUND FLOOR, MAKE :BLUE STAR, 22 TR - 4 NOS.	24.000	MON	.....	.....
00610	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN MATERIALS BUILDING GROUND FLOOR, MAKE :BLUE STAR, 16.5TR - 1 NO.	24.000	MON	.....	.....
00620	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN MATERIALS BUILDING FIRST FLOOR, MODEL: DPA 2642S, MAKE :BLUE STAR, 22	24.000	MON	.....	.....

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	TR - 2 NOS. MODEL: DPA 1983S, MAKE :BLUE STAR, 16.5				
	TR - 1 NO. MODEL: DPA 1322S, MAKE :BLUE STAR, 11				
	TR - 2 NOS. MODEL: DPA 661S, MAKE :BLUE STAR, 5.5				
	TR - 1 NO.				
	00630	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN MATERIALS MANAGEMENT BUILDING SECOND FLOOR, MODEL: DPUASC2110Y, MAKE :VOLTAS, 17 TR - 3 NOS. MODEL: MRATU, MAKE :VOLTAS, 11 TR - 5 NOS.				
	00640	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN LEB FIELD PANEL ROOM, MODEL: PW01011, MAKE :BLUE STAR, 10 TR - 2 NOS.				
	00650	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN LEB UPS ROOM SPLIT PACKAGE, MODEL: 52/53BB005X1, MAKE :VOLTAS, 5 TR - 1 NO.				
	00660	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN DHDS VSD ROOM, MODEL: 50BB008NX4, MAKE :VOLTAS, 7.5 TR - 4 NOS.				
	00670	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN OM&S CONTROL ROOM, MODEL: DUCTABLE SPLIT, MAKE :CARRIER, 16.5 TR - 3 NOS.				
	00680	24.000	MON	.....	.....
	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN LAB FIRST FLOOR, MODEL: 40LC/018/FD, MAKE :CARRIER, 16.5 TR - 1 NO.				

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
00690	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN LAB FIRST FLOOR, MAKE :VOLTAS, 22 TR - 2 NOS.	24.000	MON	.....	.....
00700	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN REFINERY-3 FIELD PANEL ROOM, MODEL: DPU3475, MAKE :VOLTAS, 7.5 TR - 2 NOS.	24.000	MON	.....	.....
00710	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN REFINERY-3 110KV YARD PANEL ROOM, MODEL: DCU455, MAKE :VOLTAS, 5.5 TR - 2 NOS.	24.000	MON	.....	.....
00720	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN REFINERY-3 DM WATER PLANT CONTROL ROOM, MODEL: DPA1001S, MAKE :BLUESTAR, 7.5 TR - 3 NOS.	24.000	MON	.....	.....
00730	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN ANALYSER ROOM (PROJECT), MODEL: PACKAGE UNIT, MAKE :BLUESTAR, 8.5 TR - 2 NOS.	24.000	MON	.....	.....
00740	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN GT-3 FIELD PANEL ROOM, MODEL: PACKAGE UNIT, MAKE :ETA, 16.5 TR - 2 NOS.	24.000	MON	.....	.....
00750	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN OPH FIELD PANEL ROOM, MODEL: DUCTABLE SPLIT, MAKE :CARRIER, 11 TR - 4 NOS.	24.000	MON	.....	.....

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
00760	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN GT-3 SWAS, MODEL: PACKAGE UNIT, MAKE :ETA, 7.5 TR - 2 NOS.	24.000	MON	.....	.....
00770	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN OLD WORKSHOP, MODEL: PACKAGE UNIT, MAKE :VOLTAS, 11 TR - 4 NOS.	24.000	MON	.....	.....
00780	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN EURO-IV SUB STATION PROJECT, MODEL: PACKAGE UNIT, MAKE :BLUE STAR, 16.5 TR - 2 NOS.	24.000	MON	.....	.....
00790	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN SRR-1 AT REFINERY-3, MODEL: DPW1983S, MAKE :BLUE STAR, 16.5 TR - 3 NOS.	24.000	MON	.....	.....
00800	CHARGES PER MONTH FOR MAINTENANCE OF PACKAGE AIR CONDITIONING UNITS IN SRR-1 AT REFINERY-3, MODEL: DPW1983S, MAKE :BLUE STAR, 16.5 TR - 3 NOS.	24.000	MON	.....	.....

RFQ ITEM NO.00020 PART-2 SUP&REPL OF CENTRAL/PACK AC UNITS

00010

GROUP-1 - PART-2:

Carryout Supply and Replacement of old equipment for Central / Packaged AC units at manali Refinery as per the detailed scope of work, specificatons and terms and conditions stipulated in the bid document. The maintenance of the plant is comprehensive type in nature.

00020

OLD ADMN. GROUND FLOOR AHU-7 WITH NEW SINGLE SKIN :

1.000 EA

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	Supply and Installation of 12,000 CFM, 30 TR capacity air handling unit with DX coil, motor.				
00030		4.000	EA	.....	.....
	OM&S CONTROL ROOM - Supply and installation of 8.5 TR capacity Outdoor condenser coil with scroll compressor condensing unit assembly with compressor for Ductable split unit of 2 X 8.5TR.				
00040		1.000	EA	.....	.....
	LEB OFFICER ROOM, AHU 7 Supply and installation of 9000 CFM, 4 R chilled water coil AHU-XXXXXXX.				
00050		1.000	EA	.....	.....
	Supply & installation LEB FPR AHU 11 coil only for chilled water plant, 45 TR.				
00060		1.000	EA	.....	.....
	REF 1 FPR AHU 11- 30Tr capacity. DX coil of size 94"(L)X17"(Ht)X4 Row (Tube size-12.7" OD, Aluminium fins (13 fpi), tube sheet - 18G GSS, Headers - M.S), 32 Tr capacity, 1200 CFM				
00070		1.000	EA	.....	.....
	Supply & Installation of AHU with DX coil at Refinery 1 control room., 32 TR capacity , 12000 CFM.				
00080		1.000	EA	.....	.....
	Refinery 1 control room AC plant condenser - Supply and installation of 40 TR water cooled shell and tube condenser.				
00090		1.000	EA	.....	.....
	Refinery 1 Field panel room AC plant condenser - Supply and installation of 60 TR water cooled shell and tube condenser.				
00100		1.000	EA	.....	.....
	Supply and Installation of AHU 7 with chilled water coil at R & D main				

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
	building , 30 TR.				
00110	Supply of Kirloskar make 11 TR scroll Compressor for MM bulding control room.	1.000	EA	.....	.....

Signature of Tenderer



SOR FOR GROUP -2

Schedule of Rates

Service Required for Plant: 9910 ,CPCL-Manali Refinery

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
------------------	-----------------------------	----------	------	------	--------

RFQ ITEM NO.00010 PART-1 O & M OF WINDOW / SPLIT AC UNITS

00010

GROUP:2 - PART-1:

MAINTENANCE OF WINDOW / SPLIT AC

UNITS AS PER SCOPE OF WORK AND TERMS
& CONDITIONS ATTACHED.

00020

GROUP-2 - PART-1:

Maintenance of Window and Split Units
at the following buildings /
locations at manali Refinery as per the
detailed scope of work,
specifications and terms and conditions
stipulated in the bid document.
The maintenance of the plant is
comprehensive type in nature.
The rate indicated in the SOR is
Lumpsum charges per month for the total
Quantity and Capacity of package units
indicated in the description.

00030

24.000 LS

CHARGES PER MONTH FOR MAINTENANCE OF
WINDOW AIR CONDITIONERS UNITS,
CAPACITY : 1.5 TON, MAKE : VOLTAS, LG,
GODREJ, LOGICOOOL, CARRIER, OG.,
QTY - 290 NOS.

00040

24.000 LS

CHARGES PER MONTH FOR MAINTENANCE OF
SPLIT AIR CONDITIONERS UNITS,
CAPACITY : 1.5 TON, MAKE : VOLTAS, LG,
GODREJ, LOGICOOOL, CARRIER, OG,
QUANTITY:160 NOS.

00050

24.000 LS

CHARGES PER MONTH FOR MAINTENANCE OF
SPLIT AIR CONDITIONERS UNITS,
CAPACITY : 2.0 TON, MAKE : VOLTAS, LG,
GODREJ, CARRIER, OG, QUANTITY:69
NOS.

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
00060	CHARGES PER MONTH FOR MAINTENANCE OF SPLIT AIR CONDITIONERS UNITS, CAPACITY : 3.0 TR, MAKE : CARRIER & OG, QUANTITY:6 NOS.	24.000	LS	.....	.....
00070	CHARGES PER MONTH FOR MAINTENANCE OF SPLIT AIR CONDITIONERS UNITS, CAPACITY : 5.0 TR, MAKE : CARRIER & BLUESTAR, QUANTITY:24 NOS.	24.000	LS	.....	.....
RFQ ITEM NO.00020 PART-2 SUP&REPL OF WIN / SPLIT AC UNITS					
00010	Carryout Supply and Replacement of old equipment for units at manali Refinery as per the detailed scope of work, specificatons and terms and conditions stipulated in the bid document. The maintenance of the plant is comprehensive type in nature.				window / split AC
00020	SUPPLY OF FRONT GRILL FOR 1.5 TR WINDOW AIR-CONDITIONER (ANY MAKE), QUANTITY : 40 NOS.	40.000	EA	.....	.....
00030	SUPPLY OF STAND FOR FIXING OUTDOOR OF 1.5/2 TON SPLIT AC.	25.000	EA	.....	.....
00040	SUPPLY OF OUTER COVER FOR 1.5 TR WINDOW AIR-CONDITIONER (ANY MAKE).	40.000	EA	.....	.....
00050	SUPPLY OF INDOOR UNIT FOR 1.5 SPLIT AC (Any make).	5.000	EA	.....	.....
00060	Relocation of 1.5ton window AC (New Installation).	25.000	EA	.....	.....

O.Lev. Sr.No.	Item No Item Description	Quantity	Unit	Rate	Amount
00070	Relocation of 1.5ton Split AC (New Installation)	25.000	EA	.....	.....
00080	Supply of copper tube size 3/4"and 3/8" for (soft pipe) shifting 5 TR blue star vertical unit.	50.000	EA	.....	.....
00090	Relocation of 5 TR blue star vertical unit and commissioning.	25.000	EA	.....	.....

Signature of Tenderer

DETAILS OF MAXIMUM SERVICE TAX CONSIDERED FOR THE SUBJECT WORK

SI No	Description	Maximum Amount of which Service Tax applicable (Rs.)	Present rate of service tax in percentage (%)	Total amount of Maximum Service Tax calculated at present rate (Rs.)	
				In Figs.	In words
1	Service tax considered for subject work.				

Note:

- Any statutory variation on service tax within contractual completion period subject to the maximum taxable amount above shall be borne by the owner against documentary proof.
- In case, it is clarified by statutory authorities that Service Tax is not applicable, this amount shall not be payable.
- In case the service tax is indicated as "NIL" by the bidder and if the same is said to be applicable later, the same shall be borne by the contractor.
- For the purpose of statutory variation, the rates prevailing on the due date of submission of the last price bid / implication shall be taken as a base.
- The successful bidder shall be permitted to claim the applicable service Tax either through RA bill / claim reimbursement of actual ST paid towards the job on production of documentary evidence to the OIC.