

CORRIGENDUM 01 ON 15.06.2015

BHEL Tender Enquiry :: **15E0035 Dt: 21.05.2015 Due date extended up to 23.06.2015**
BHEL NIT No :: **NIT_22630 Dt: 22.05.2015**
Tender Item :: **“SPBD FABRICATION ON JOB WORK BASIS”**

TENDER COVER PAGE (CHECK LIST)

1. Technical Conditions of Contract (TCC) -Annexure-C-Page-10 (Revised)

Point No. 20 inserted for General manufacturing Drawing - **07 pages**

- i. DRG NO. 01001000230 R00
- ii. DRG NO. 01001000231 R00
- iii. DRG NO. 01001000232 R00
- iv. DRG NO. 01001000233 R00
- v. DRG NO. 01001000234 R00
- vi. DRG NO. 01001000235 R00

(Enclosed with this corrigendum)

2. General Conditions of Contract (GCC) -Annexure-A-Page-08

Relating Point No. 15 for Procedure / Modality for Reverse Auction

TERMS & CONDITIONS OF REVERSE AUCTION (ANNEXURE-E) - **02 pages**

(Enclosed with this corrigendum)

3. Due date for submission of offer is extended up to 23.06.2015, 1400 Hrs.

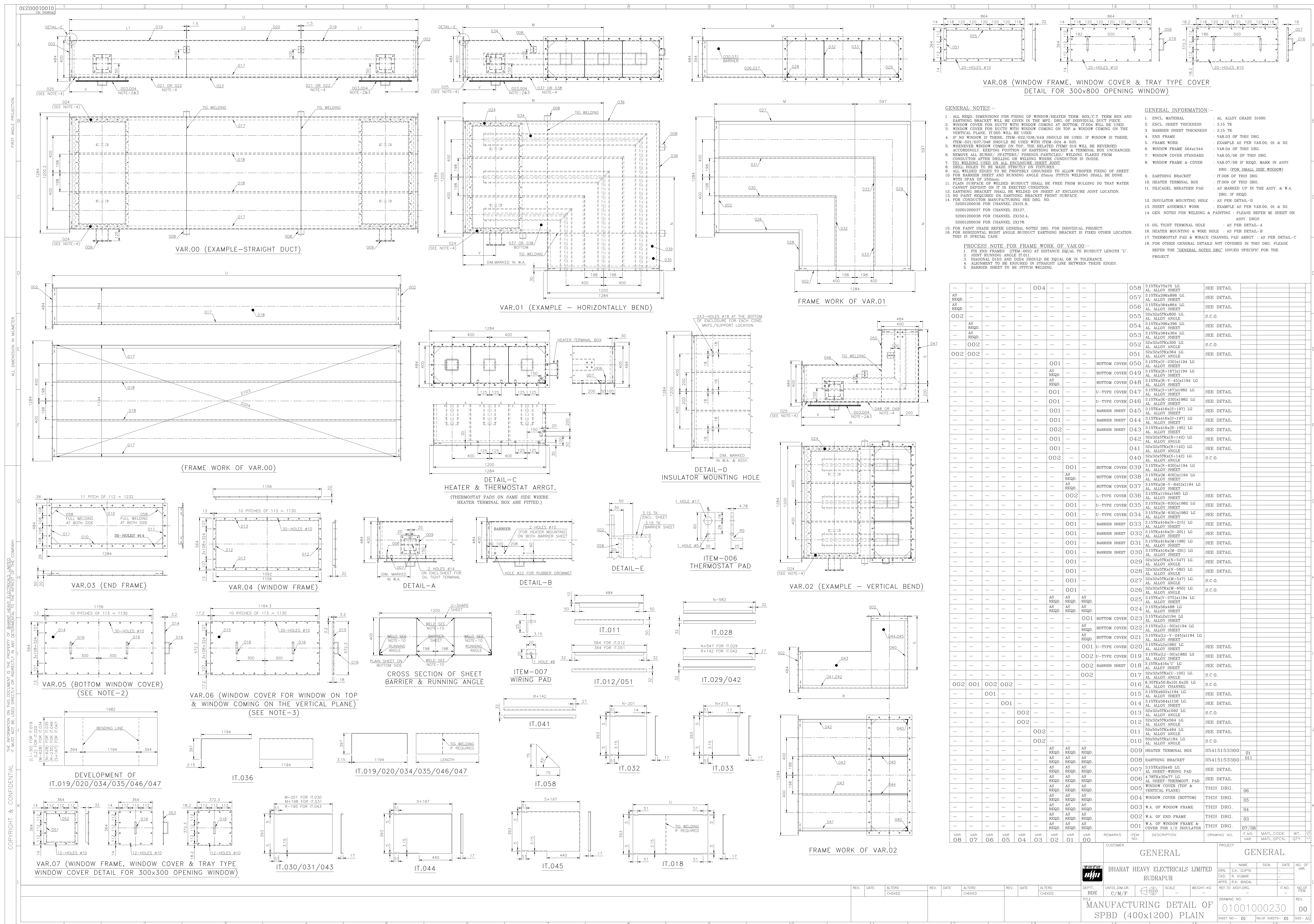
4. Cover Page for Corrigendum 01 - **01 page**

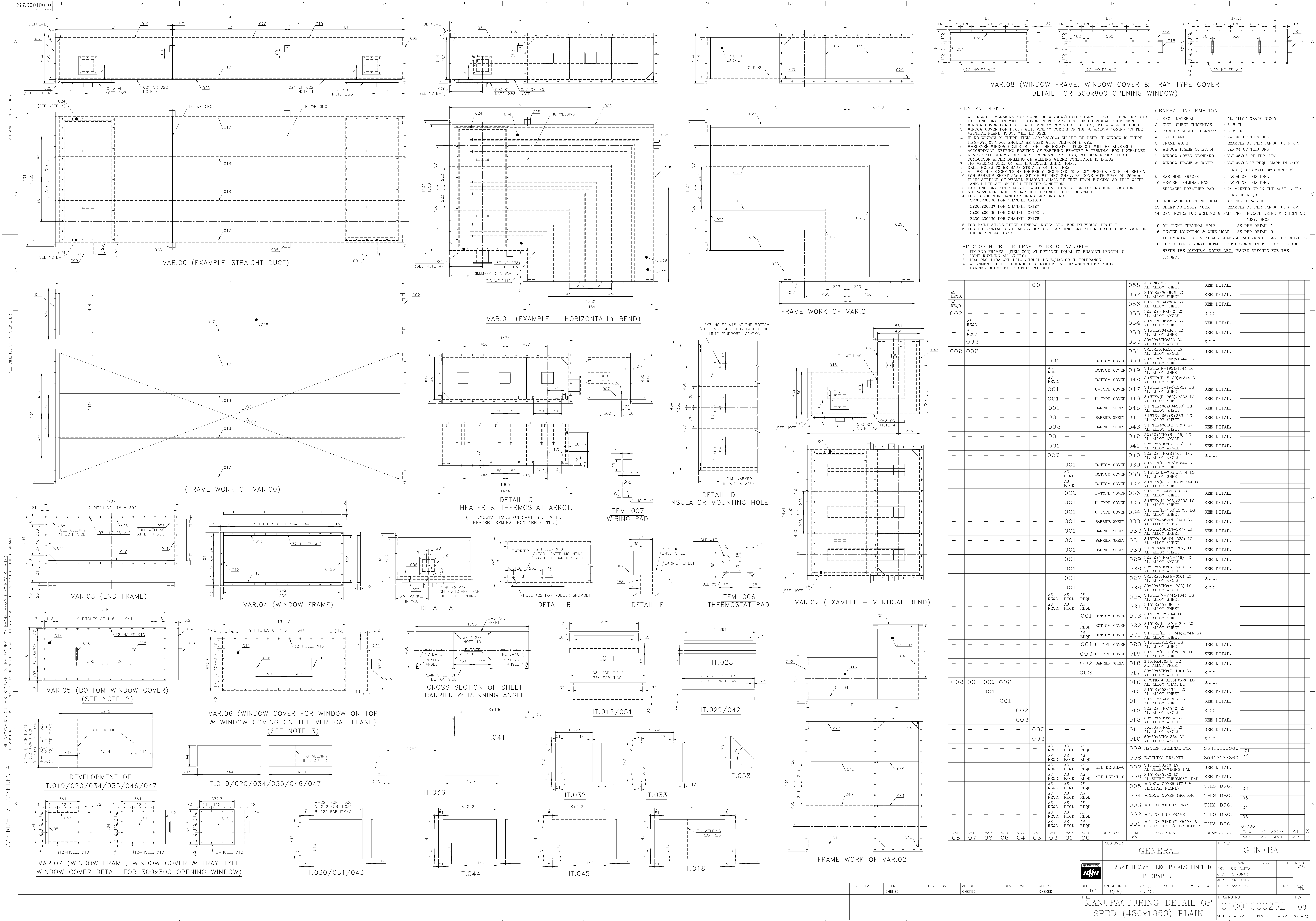
10 pages

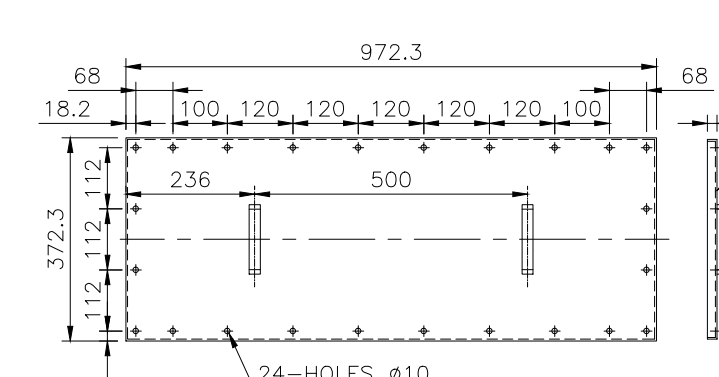
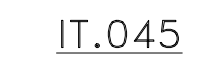
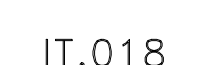
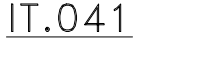
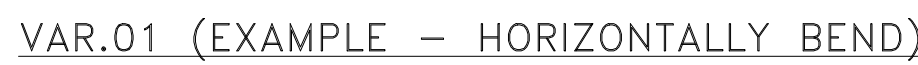
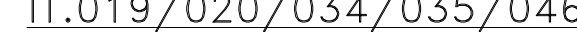
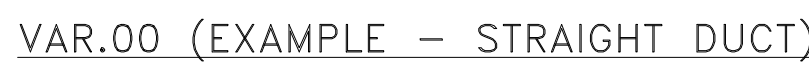
TECHNICAL CONDITIONS OF CONTRACT (TCC):

1.	Raw material viz. Aluminium extrusions, Plates, Sheets, Flats etc. shall be supplied by BHEL under rule – 4 (5)(a) of CENVAT Credit Rule 2004. Consumables viz. Al. filler wire, spool, argon gas, paint, self etch primer, Red Oxide Primer etc. are to be arranged by fabricator.
2.	Applicable Drawings & Quality Assurance Plan (QAP) of BHEL shall be followed as per P.O., Sample QAP no. - QP/BD/SP Rev: 00 dated 15-May-2012 is enclosed for reference.
3.	The enclosure sheet joint shall be but or overlapped / flared as per drawing requirement.
4.	Availability of drawings / quality plan with latest revision must be ensured from Production/Engineering/Quality Deptt of BHEL, Rudrapur before start of the work.
5.	The fabricator shall cut the sheets/plates etc. as per the cutting plan furnished by BHEL. In the absence of any cutting plan from BHEL, the fabricator shall cut the material in such a way that off cuts/scrap generation is minimum.
6.	2% process loss shall be allowed as a non-refundable scrap without any deduction and 98 % finished material with remaining off cuts or raw material shall be returned to BHEL Rudrapur. Chips, turning & Granules / Powder generated during drilling, cutting and welding etc. shall be treated as non-refundable process loss. Such items shall not be accepted if returned as off cuts. Deduction will be made if off-cuts generated are not returned to BHEL. 2% process loss shall be calculated on drawing weight.
7.	Plant Standard (Painting): Doc No: RU00099 Rev-00.
8.	General Notes for SPBD : DRG 42221311099 REV-00
9.	General Manufacturing Drawing : DRG 02001200003 R00 Plain SPBD (With Middle Frame) & General Manufacturing Drawing : DRG 02001200004 R00 Canopy SPBD (With Middle Frame)
10.	General Manufacturing Drawing : DRG 01001000224 R01 Plain SPBD (Without Middle Frame) & General Manufacturing Drawing : DRG 01001000225 R01 Canopy SPBD (Without Middle Frame)
11.	Procedure for Liquid Penetration Examination : Doc No: AA0850131 Rev-02
12.	Acceptance Standard for Liquid Penetration Examination : Doc No: AA0850129
13.	Packing Drg. No. PACKING-005-R01-SPBD
14.	Straight Enclosure & Straight Conductor is first cluster in this tender.
15.	Right Angle Enclosure & Conductor is second cluster in this tender.
16.	'Z', 'E' & 'UAT' type Enclosure and Conductor and Top & Bottom Chamber is third cluster in this tender.
17.	BHEL can place P.O. for fabrication of Enclosures Only Or Conductors Only as per the rates finalized against the respective cluster in this tender.
18.	PQR DOC No. BHEL:PQR:AL:GMAW-00 & BHEL:PQR:AL:GTAW-00
19.	WPS DOC No. BHEL:WPS:AL:GMAW-00 & BHEL:WPS:AL:GTAW-00
20.	General Manufacturing Drawing : i. DRG NO. 01001000230 R00 ii. DRG NO. 01001000231 R00 iii. DRG NO. 01001000232 R00 iv. DRG NO. 01001000233 R00 v. DRG NO. 01001000234 R00 vi. DRG NO. 01001000235 R00

(Bidder's Sign & Seal)







DETAIL FOR 300x800 OPENING WINDOW)

1. ALL REQD. DIMENSIONS FOR FIXING OF WINDOW/HEADER TERM. BOV./C.T. TERM BOV. AND EARTHING BRACKET WILL BE GIVEN IN THE MFG. DRG. OF INDIVIDUAL DUCT PIERCE.
2. PROVIDE COVER FOR DUCTS WITHIN 100MM FROM TOP & WINDOW COVERING SHALL BE PROVIDED FOR DUCTS WITHIN 100MM FROM TOP & WINDOW COVERING ON THE VERTICAL PLANE. ITGDS WILL BE IN THE MFG. DRG. OF TERM.-022/038/049 SHOULD BE USED IF WINDOW IS THERE.
3. TERM.-021/037/049 SHOULD BE USED WITH TERM.-624 & 025.
4. PROVIDE WINDOW COVERING WITHIN 100MM FROM TOP & WINDOW COVERING WILL BE REVERSED ACCORDINGLY.
5. KEEPING POSITION OF EARTHING BRACKET & TERMINAL BOX UNCHANGED.
6. REMOVE ALL BURSTS/ SPATTERS/ FOREIGN PARTICLES/ WELDING FLAKES FROM CONDUCTOR.
7. IF WELDING OR WELDING DEFECTS ARE OBSERVED, THE WELDING SHALL BE REMOVED.
8. TIG WELDING USED ON ALL ENCLOSURE SHEET PIPES.
9. DRILL HOLES TO BE IN ACCORDANCE WITH THE MFG. DRG.
10. ALL WELDED JOINTS TO BE PROPERLY GROUNDING TO ALLOW PROPER FIXING OF SHEET.
11. FOR BARRIER SHEET 25mm STITCH WELDING SHALL BE DONE WITH GAUGE OF 25mm.
12. PROVIDE BARRIER SHEET WITHIN 100MM FROM TOP & WINDOW COVERING SHALL BE PROVIDED FOR DUCTS WITHIN 100MM FROM TOP & WINDOW COVERING ON THE VERTICAL PLANE. ITGDS WILL BE IN THE MFG. DRG. OF TERM.-022/038/049 SHOULD BE USED IF WINDOW IS THERE. IF WINDOW IS NOT PROVIDED IN IT IN RECTED CONDITION.
13. PROVIDE BARRIER SHEET WITHIN 100MM FROM TOP & WINDOW COVERING SHALL BE PROVIDED FOR DUCTS WITHIN 100MM FROM TOP & WINDOW COVERING ON THE VERTICAL PLANE. ITGDS WILL BE IN THE MFG. DRG. OF TERM.-022/038/049 SHOULD BE USED IF WINDOW IS THERE.
14. NO PAINT REQUIRED ON EARTHING BRACKET FRONT SURFACE.
15. FOR CONDUCTOR MANUFACTURED IN THE MFG. DRG. OF TERM.-022/038/049 SHOULD BE USED IF WINDOW IS THERE.
16. 320012000039 FOR CHANNEL X2161, 320012000039 FOR CHANNEL X2167, 320012000039 FOR CHANNEL X2164, 320012000039 FOR CHANNEL X2178.
17. FOR PAINT SHADE REFER GENERAL NOTES DRG. FOR INDIVIDUAL PROJECT.
18. FOR HORIZONTAL RIGHT ANGLE SUSPECT EARTHING BRACKET IS FIXED OTHER LOCATION. THIS IS SPECIAL CASE.

- | | | |
|-----|---|--|
| 1. | ENCL. MATERIAL | : AL ALLOY GRADE 31000 |
| 2. | ENCL. SHEET THICKNESS | : 3.15 TK |
| 3. | BARRIER SHEET THICKNESS | : 3.15 TK |
| 4. | END FRAME | : VAR.05 OF THIS DRG. |
| 5. | FRAME WORK | : EXAMPLE AS PER VAR.00, 01 & 02. |
| 6. | WINDOW FRAME 564x1344 | : VAR.04 OF THIS DRG. |
| 7. | WINDOW COVER STANDARD | : VAR.05/06 OF THIS DRG. |
| 8. | WINDOW FRAME & COVER | : VAR.07/08 IF REQD. MARK IN ASSY. DRG.
(FOR SMALL SIZE WINDOW) |
| 9. | EARTHING BRACKET | : IT.008 OF THIS DRG. |
| 10. | HEATER TERMINAL BOX | : IT.009 OF THIS DRG. |
| 11. | SILICAGEL BREATHER PAD | : AS MARKED UP IN THE ASSY. & W.A. DRG. IF REQD. |
| 12. | INSULATOR MOUNTING HOLE | : AS PER DETAIL-D |
| 13. | SHEET ASSEMBLY WORK | : EXAMPLE AS PER VAR.00, 01 & 02. |
| 14. | GEN. NOTES FOR WELDING & PAINTING | : PLEASE REFER MI SHEET OR
ASSY. DRGS. |
| 15. | OIL TIGHT TERMINAL HOLE | : AS PER DETAIL-A |
| 16. | HEATER MOUNTING & WIRE CABLE | : AS PER DETAIL-B |
| 17. | THERMOSTAT PAD & WINDSH. CHANNEL PAD ARBIT. | : AS PER DETAIL-C |
| 18. | FOR OTHER GENERAL DETAILS NOT COVERED IN THIS DRG. PLEASE REFER THE <u>"GENERAL NOTES DRG."</u> ISSUED
SPECIFIC FOR THE PROJECT. | |



Terms & Conditions of Reverse Auction (Detailed)

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit „online sealed bid“ in the Reverse Auction. Non-submission of „online sealed bid“ by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.

12. Bidders shall be required to read the “Terms and Conditions” section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction“, which will be communicated before the Reverse Auction.

13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action *as per extant BHEL guidelines*, shall be initiated by BHEL and the results of the RA scrapped/ aborted.

14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.

15. In case BHEL decides to go for reverse auction, the H1 bidder(s) (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

Page 2 of 2

(Bidder's Sign & Seal)