

CORRIGENDUM - 1**Ref: - NIT No. -2162/CREDA/SPV-PUMPS/SSY-V/2020 Dated: 10-06-2020****(RFX ID No. - 8100018022)**

In continuation of Tender No.2162, dated 10.06.2020 for survey, design, supply, installation & commissioning of solar photo voltaic irrigation pumps of capacities 3HP & 5HP ac & dc surface and submersible with five years onsite warrantee, COMC & insurance anywhere in the state of Chhattisgarh.

Following amendments are made as per queries/suggestion received and Pre-Bid meeting held on 24.06.2020:-

S.No.	Page No./ Ref. Clause	Original Version	Amendment/ Addendum
1	Page No.8/ Clause-1, Point - C	Tenderers must have a Positive Net worth of Rs.50 Lacs as on 31st March 2019 (which is defined as "Net value of the Assets minus (-) Net value of liabilities") . They shall have to submit a Original Certificate duly signed by a qualified and registered Chartered Accountant having UDI number as a proof. Produced certificate must tally with the audited balance sheet.	Tenderers must have a Positive Net worth of Rs.50 Lacs as on 31st March 2019 (which is defined as "Net value of the Assets minus (-) Net value of liabilities") . They shall have to submit a Certificate duly signed by a qualified and registered Chartered Accountant having UDI number as a proof. Produced certificate must tally with the audited balance sheet/CA certificate.
2	Page No.8/ Clause-1, Point - D	Tenderers should have an aggregate turnover of minimum 5 crores in last three years i.e. 2016-17, 2017-18 & 2018-19 in SPV Projects. Certified copies of the annual returns and audited balance sheet submitted to the Registrar of Companies/ Income Tax Authorities should be enclosed. For the preceding years a Original Summarized Sheet of turnover certified by registered CA must be enclosed.	Tenderers should have an aggregate turnover of minimum 5 crores in last three years i.e. 2016-17, 2017-18 & 2018-19/2019-20 in SPV Projects. Certified copies of the annual returns and audited balance sheet submitted to the Registrar of Companies/ Income Tax Authorities should be enclosed. For the preceding years a Summarized Sheet of turnover certified by registered CA must be enclosed.
3	Page No.8/ Clause-1, Point - E & Page No.13/ Clause-20, Point - A	Tenderer must have valid test report of any 2 categories for 3HP & 5HP Submersible or Surface, AC or DC Solar pumping systems separately in their names for which tenderer must make offer for installation. They will have to provide copy of such test report of their SPV Pumps from Solar Energy Test Centre or any other test centre approved by Ministry of New & Renewable Energy (MNRE)/ NABL. Tenderer will be debarred from price bidding for all other categories for which they have not submitted valid test report / acknowledgement. Bidders may submit Acknowledgement of submission of materials along with make, capacity & numbers of Solar Module, Controller & AC / DC Surface / Submersible Pumps, fee receipt from MNRE/NABL approved test centers for offered pumps for testing (in case they don't have approved test certificates of offered pumps at the time of bid) . Bidders shall be required to submit the	<ul style="list-style-type: none"> ➤ Tenderer must have 01 valid test report of 3HP category and 01 of 5HP category i.e. total 02 test report of solar pumping system separately in their names are mandatory for the eligibility to participate in the Tender. They will have to provide copy of such test report of their SPV Pumps as per Ministry of New & Renewable Energy (MNRE) Specifications from Solar Energy Test Centre or any other test centre accredited by NABL. ➤ Those bidders who are having valid test reports of respective configurations of pumps (i.e. 03 & 05 HP Surface and Submersible, AC or DC) will be eligible to quote their price/bid. <p>If Bidders wants to submit acknowledgement of any category for future reference/requirement, they may submit Acknowledgement of submission of materials along with make, capacity & numbers of Solar Module, Controller & AC / DC Surface / Submersible Pumps, fee receipt as per Ministry of New & Renewable Energy (MNRE) Specifications from Solar Energy Test Centre or any other test centre accredited by NABL but they can't quote rate/price. Bidders shall be required</p>

Tender No. 2162 dated 10.06.2020/Corrigendum-I-3745 dated 04.07.2020

		approved test certificates before raising claim for payment else payment shall not be made to them. Bidders shall have to submit the Test certificate against Acknowledgement within 90 days of execution of agreement otherwise EMD may be forfeited and bidder may be blacklisted / debarred by CREDA. However this time limit may be further extended / reduced by CREDA if required.	to submit the approved test certificates before raising claim for payment else payment shall not be made to them. If Bidder submits acknowledgement then they shall have to submit the Test certificate against Acknowledgement within 90 days of execution of agreement. Otherwise EMD may be forfeited and bidder may be blacklisted / debarred by CREDA. However this time limit may be further extended / reduced by CREDA if required.
4	Page No. 9/ Clause-2 Point-II	The lead partner should fulfil criteria as per clause 1C individually and other partner should have Positive Net worth as on 31 st March 2019. For Positive Net worth of other partner Audited balance sheet must be enclosed.	The lead partner should fulfil criteria as per clause 1C individually and other partner should have Positive Net worth as on 31 st March 2019. For Positive Net worth of other partner Audited balance sheet/ CA certificate must be enclosed.
5	Page No. 9/ Clause-4	Bid Documents (including Technical Bid and samples) must reach at Chief Engineer (RE-IV) Section, Near Energy Education Park VIP Road, Raipur latest by 05.00 PM on 21.07.2020 . Tenders submitted after scheduled time and date shall not be considered.	Bid Documents (including Technical Bid) must reach at Chief Engineer (RE-IV) Section, Near Energy Education Park VIP Road, Raipur latest by 05.00 PM on 29.07.2020 . Tenders submitted after scheduled time and date shall not be considered.
6	Page No. 10/ Clause-9	Login ID & Password of RMS/Data Logger shall be mentioned in each JCC and all data will have to be shared at suitable platform provided by CREDA as and when required.	Login ID & Password of RMS/Data Logger shall be mentioned in each JCC and all data will have to be shared at suitable platform provided by CREDA as and when required. In order to ensure remote monitoring of installed pumps, CREDA will roll out a 'Solar Pump Management Platform'. This platform will integrate data from multiple Remote Monitoring Systems and monitor the operation and performance of the pump. The platform will receive data from the default database of the RMS controller through Application Program Interface (API). The structure of API will be shared by CREDA separately. Following parameters will have to be shared through the API 1. Static Information: a. Consumer Management: Name of the beneficiary, SSY number b. Asset management: Pump details including make, model, capacity, serial number; Panel details including make and capacity; Details of the pump and controller; geo-location 2. Dynamic information: Following parameters should be logged at a frequency of 15 minutes a. Connectivity status b. On/Off status c. DC voltage d. DC current e. AC output current f. Drive frequency g. Module temperature Separately, events of faults in pump/controller/panel, overload, short-circuit etc. will have to be shared instantaneously. It is the responsibility of the bidder to work with their respective controller manufacturer and ensure the sharing of data.

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7	Page No. 12/ Clause-18	Tenderers will have to provide samples of their Module, Pump, Controller, LA & Chemical Earthing Kit, B.O.S. and Structure etc. as per MNRE/ CREDA's Specifications along with valid test report/ acknowledgement should be submitted for examination before 10:00 AM dated 08-07-2020 at Ground near H.O. CREDA, Airport Road, Raipur. These samples shall be examined by Technical Committee of CREDA and provide satisfactory certificate for each item to individual bidder. The bidders must submit this certificate in technical bid document positively.	Tenderers will have to provide samples of their Module, Pump, Controller, LA & Chemical Earthing Kit, B.O.S. and Structure etc. as per MNRE/ CREDA's Specifications along with valid test report/ acknowledgement should be submitted for examination before 10:00 AM dated 25-07-2020 at Ground near H.O. CREDA, Airport Road, Raipur. These samples shall be examined by Technical Committee of CREDA and provide satisfactory certificate for each item to individual bidder. The bidders must submit this certificate in technical bid document positively. Addition:- Those bidders who are having valid test reports of respective configurations of pumps (i.e. 03 & 05 HP Surface and Submersible, AC or DC) will be eligible to quote their price/bid. They will have to provide samples individually of their complete solar pumping system i.e. Module, Pump, Controller, LA & Chemical Earthing Kit, B.O.S. and Structure etc. as per MNRE/ CREDA's Specifications along with valid test report should be submitted for examination at the time of inspection of material.
8	Page No. 19/ Clause-14, Point- C	In case MNRE rejects or reduces a particular case of settlement of CFA, the same may be recovered from concerned SI accordingly from their pending claims / payments in CREDA.	This point is deleted.
9	Page No. 22,23/ Clause-35	If a particular category price is not offered or valid test report/ acknowledgement from MNRE accredited lab is not submitted along with bid than highest rate offered by all bidders in such categories of pump (which have been read out during price bid opening) shall be used in this formula.	If a particular category price is not offered or valid test report from Solar Energy Test Centre or any other test centre accredited by NABL is not submitted along with bid than highest rate offered by all bidders in such categories of pump (which have been read out during price bid opening) shall be used in this formula. Addition- CREDA may reduce the allocation of pumps by no. of uninstalled pump as on 17 August 2020 by the System integrator allocated under SSY phase-IV.
10	Page No. 29/ Clause-3, Point- E-1	Module Mounting Structure including foundation bolt, other nut & bolt, steel nut & bolts, washer, theft proof nut & bolts, clamps for holding controller etc. for 6,8,9 & 10 modules should have weight at least 235 Kg., 350Kg., 365Kg. and 375Kg., ±5% respectively as per drawing and specification attached in tender document.	Module Mounting Structure including foundation bolt, other nut & bolt, steel nut & bolts, washer, theft proof nut & bolts, clamps for holding controller etc. for 6, 8 & 10 modules should have minimum weight 235 Kg., 335Kg. and 375Kg., ±5% respectively as per drawing and specification attached in tender document. Additions: - ➤ It is mandatory to install SPV pumps of all category/ configuration of 03HP with 10 nos. of solar modules in 10 module mounting structure as per drawing attached in tender document. ➤ It is mandatory to install SPV pumps of all category/ configuration of 05HP with 16 nos. of solar modules in (10+6) or (8+8) module mounting structure as per drawing attached in tender document.
11	Page No. 60 Drawing-A-2	Foundation drawing for 9 & 10 nos. of SPV Modules	Foundation drawing for 10 no. of Modules
12	Page No. 99 Drawing-A-41	Proposed Structural drawing for SPV Pump 9 nos. of 335Wp module	This page is deleted.

Tender No. 2162 dated 10.06.2020/Corrigendum-I-3745 dated 04.07.2020

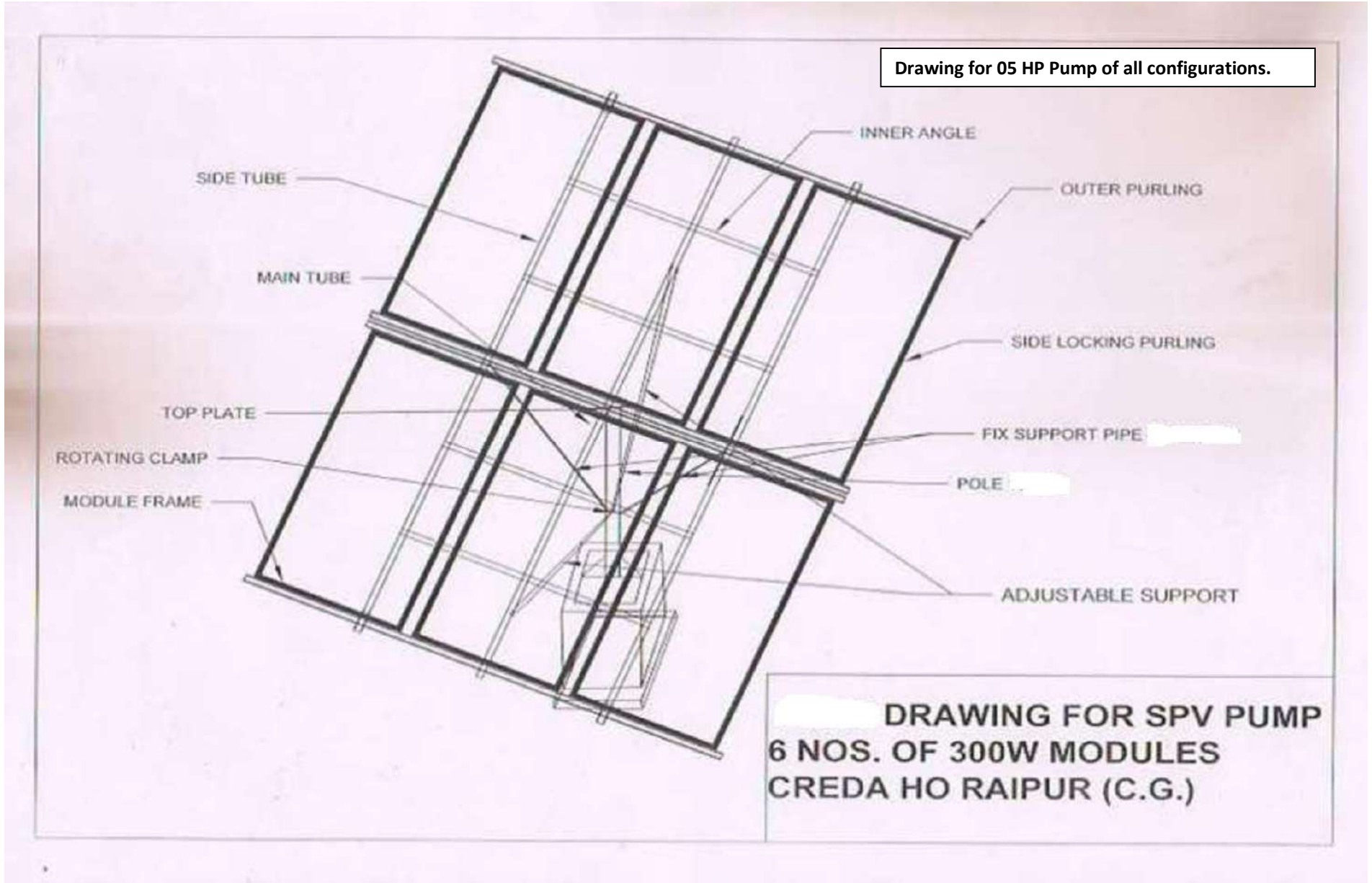
13	Page No. 100-102 Annexure-VIII Drawing-A-42 to 44	Structure drawing for SPV pumps 8 no. of 300Wp module	Revised Structure drawings for SPV pumps 8 no. of 300Wp module are attached in Page no. 7 to 28.
14	Additions	-	Structure drawing of 6 & 10 module mounting structure attached in page no. 5 & 6.

The Schedule mentioned in tender document is revised as follows:-

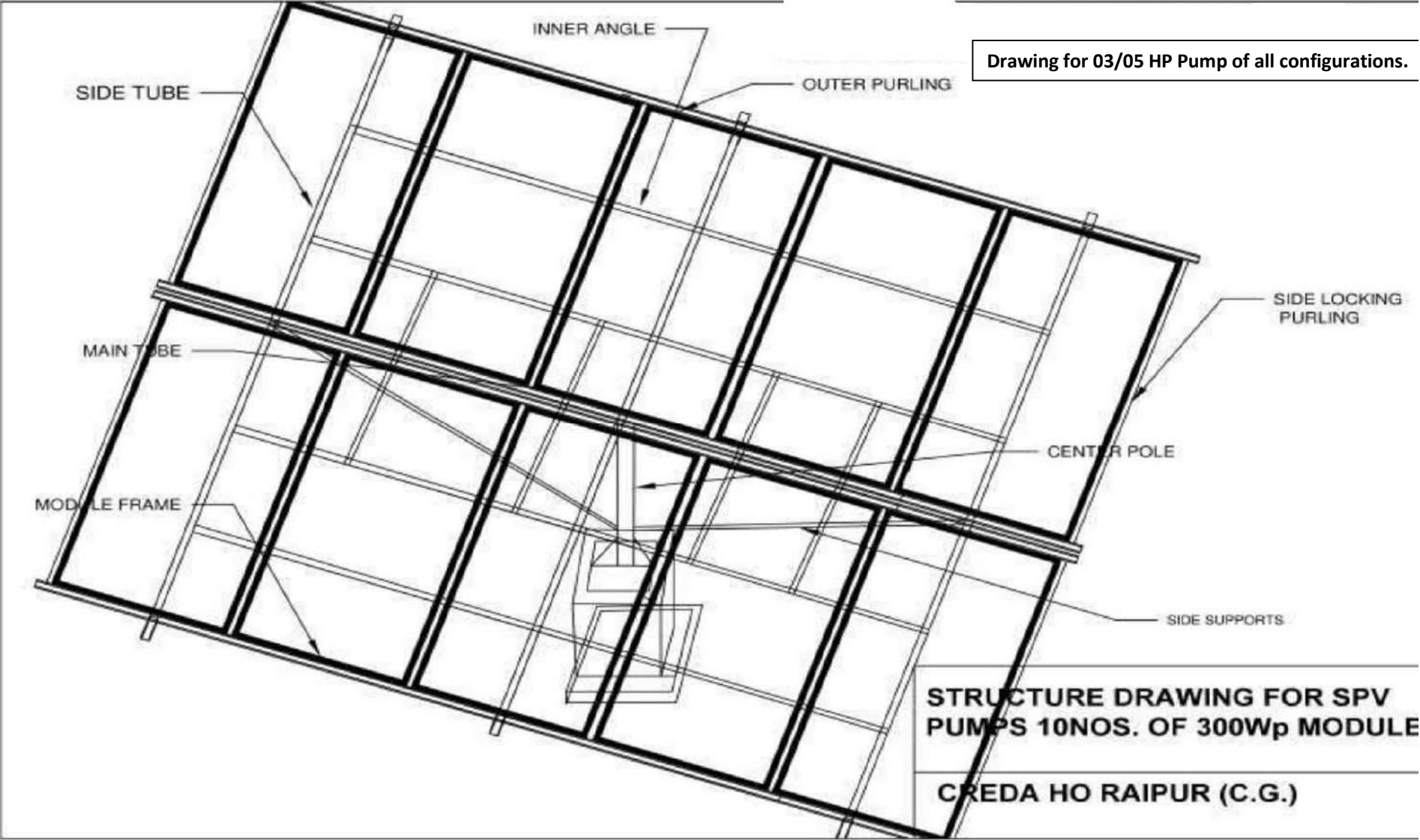
Particulars	From Date & Time	To Date & Time	Place
Inspection of Materials by Tender Committee as per Valid Test Report and Submission of Summary of Test Report and M.A.F.	25-07-2020 10:00 am	25-07-2020 05:00 pm	At Ground Near H.O. CREDA, VIP Road, Raipur
Submission of Technical Bid	29-07-2020 10:00 am	29-07-2020 05:00 pm	At H.O. CREDA, RE-IV, Section.
Submission of e-Price Bid-I & II	20-07-2020 10:00 am	29-07-2020 05:00 pm	http://www.cspc.co.in
Opening of Technical Bid	30-07-2020 10:00 am	31-07-2020 05:00 pm	At Energy Education Park, near H.O. CREDA, VIP Road, Vill. Fundhar Raipur
Declaration of Eligible Tenderer	04-08-2020 05:00 pm	----	At H.O. CREDA, RE-IV, Section.
Opening of e- Price Bid	05-08-2020 10:00 am	05-08-2020 05:00 pm	At Mega Watt Plant, Conference Hall, Atal Nagar, Nava Raipur.

Note:-

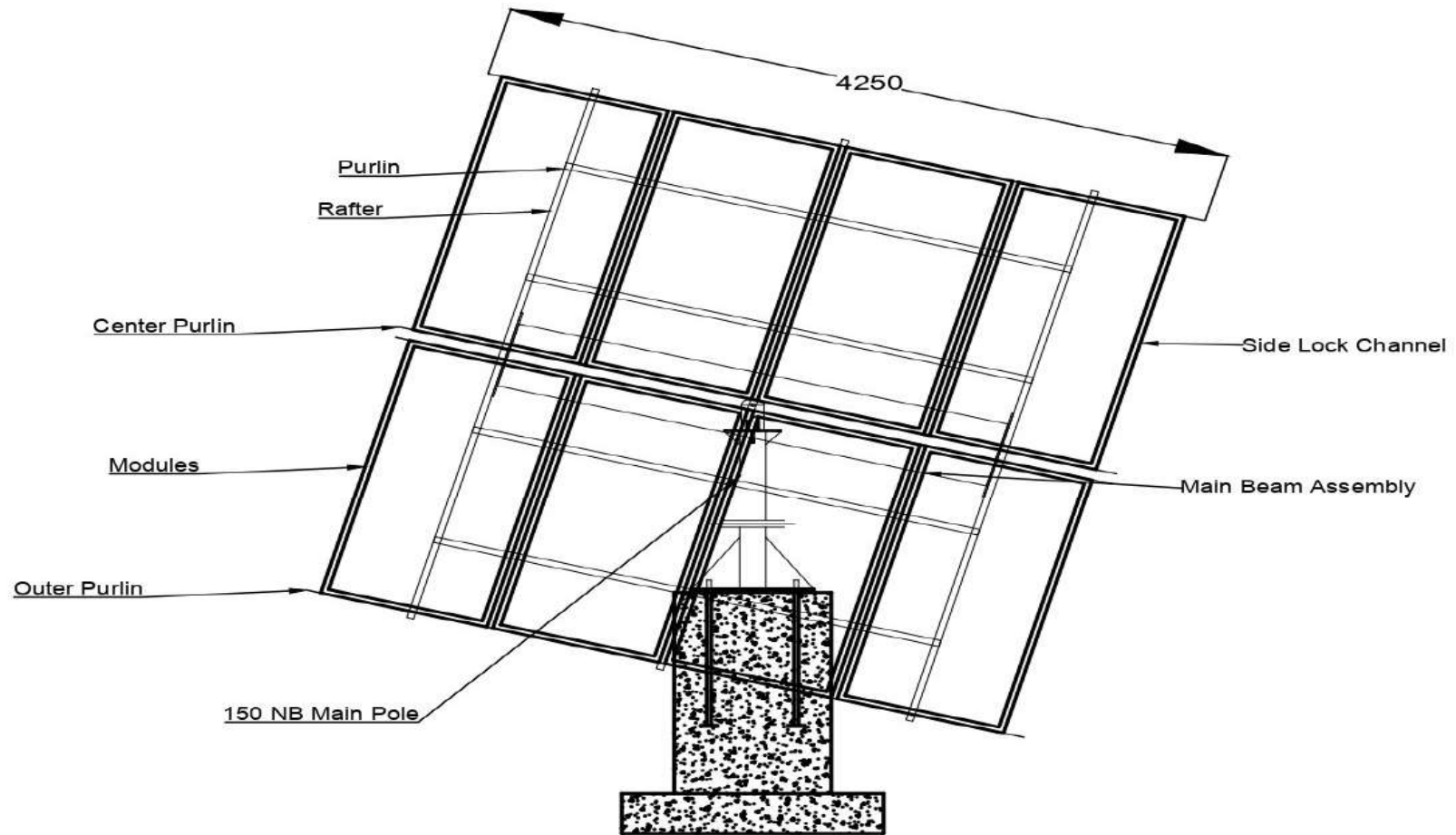
- All above amendments will be applicable for every clause having same point (co-related) in tender document.
- All other terms and conditions will remain same as per tender document.



Drawing for 03/05 HP Pump of all configurations.

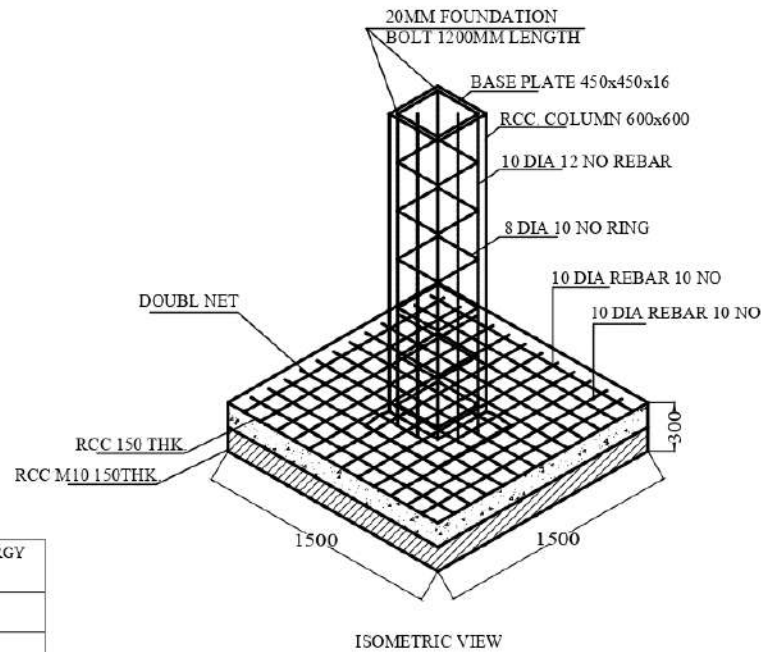
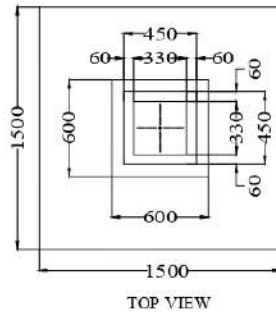
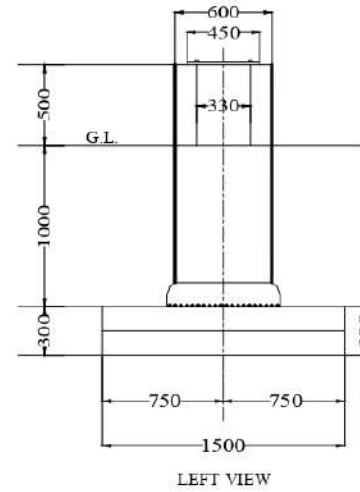
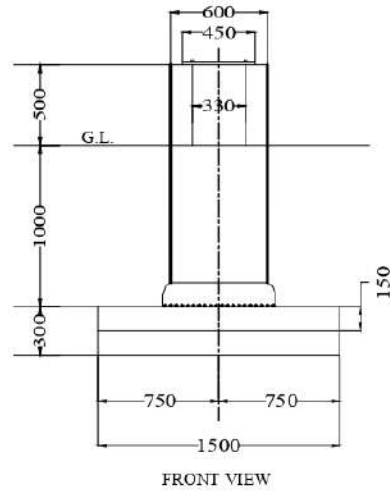


Drawing for 05 HP Pump of all configurations.



ALL DIMENSION IN MM

SUBMITTED TO :-	CHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY (CREDA)
SKETCH CORRECTED AS PER MODEL - QA	PROPOSED STRUCTURAL DRAWING FOR SPV PUMP & NOS OF 300WP MODULE
APPROVED BY :-	
RER. DRG. NUMBER. SH.	

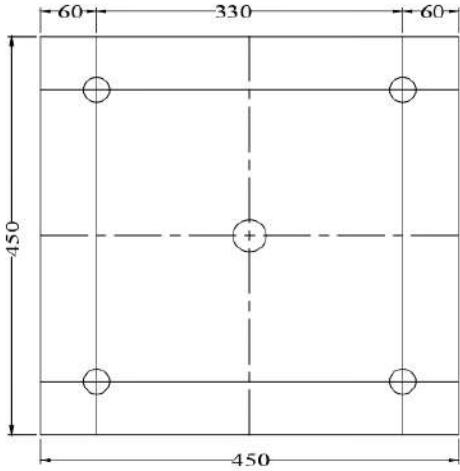


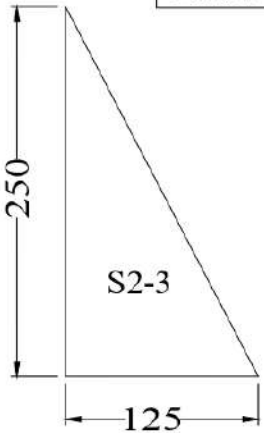
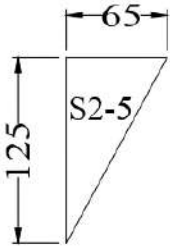
ALL DIMENSION IN MM

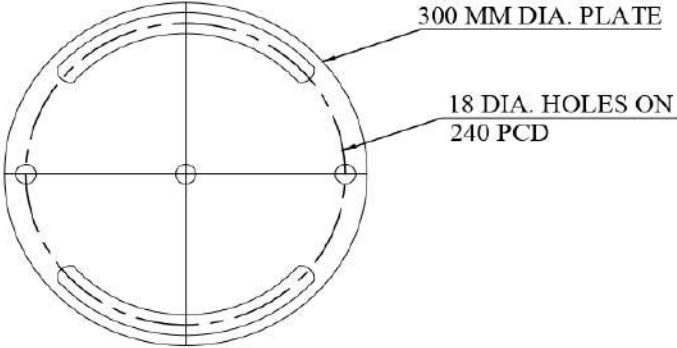
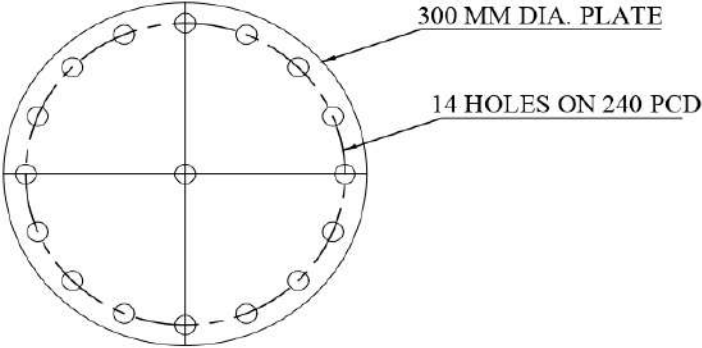
PREPARED BY :-	CHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY (CREDA)
CHECKED BY :-	
SKETCH CORRECTED AS PER MODDEL - QA	FOUNDATION DRAWING FOR 8 PANEL AGRICULTURE
APPROVED BY :-	
RER. DRG. NUMBER SH	

<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>							
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE							
<p>Approx weight of 8 Module structure would be 335 Kg +/- 5%</p>									
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET		
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300 WP MODULE	17/17		
SKETCH CORRECTED AS PER MODDEL - QA									
APPROVED BY :-		●13.5 MM	●17.5 MM	●18 MM	●24 MM				●28 MM
RER. DRG. NUMBER: SH.									

CONTRACT/ SUBMITTED TO		TYPE OF STRUCTURE							
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE							
NOTE:- ALL DIMENSION IN MM									
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET		
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	1/17		
SKETCH CORRECTED AS PER MODDEL - QA									
APPROVED BY :-		✓	●13.5 MM	●17.5 MM	●18 MM			●24 MM	●28 MM
RER. DRG. NUMBER: SH.									

CONTRACT/ SUBMITTED TO	TYPE OF STRUCTURE		NAME OF MEMBER - LOWER BASE PLATE					
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP MODULE							
<p>NOTE:- ALL DIMENSION IN MM</p>					<div style="border: 1px solid black; padding: 5px; display: inline-block;"> MARK NO. -> S2 - 2 QTY. / STR. -> 01 NO </div>			
						PLATE 16MM THK. - 450 x 450MM LENGTH		
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	2/17	
SKETCH CORRECTED AS PER MODDEL - QA								
APPROVED BY :-		●13.5 MM	●22 MM	●18 MM	● 24 MM			● 28 MM
RER. DRG. NUMBER: SH.								

<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>					
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE					
<u>NAME OF MEMBER - STIFFENER PLATES</u>							
 <p style="text-align: center;"><u>PLATE 10MM THK. - 125 x 250MM LENGTH</u></p>		 <p style="text-align: center;"><u>PLATE 8MM THK. - 65 x 125MM LENGTH</u></p>					
						MARK NO. -> S2 - 3 QTY. / STR. -> 04 NOS	
						MARK NO. -> S2 - 5 QTY. / STR. -> 08 NOS	
NOTE:- ALL DIMENSION IN MM							
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-		●13.5 MM	✓ ●17.5 MM	●18 MM	●24 MM		3/17
RER. DRG. NUMBER: SH.							

<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>						
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE						
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin-bottom: 10px;">NAME OF MEMBER - UPPER BASE PLATE</div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>PLATE 10MM THK. - 300 x 300MM LENGTH</p> </div> <div style="text-align: right; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> MARK NO. -> S2 - 4 QTY. / STR. -> 01 NO </div> </div>								
NOTE:- ALL DIMENSION IN MM								
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	4/17	
SKETCH CORRECTED AS PER MODDEL - QA								
APPROVED BY :-		●13.5 MM	✓ ●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.								

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP' MODULE

NAME OF MEMBER - UPPER SUPPORT PLATE

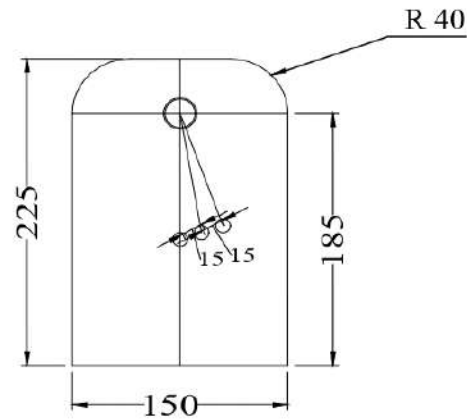


PLATE 10MM THK. - 150 x 225MM LENGTH

MARK NO. -> S2 - 6
QTY. / STR. -> 02 NOS

NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP' MODULE	5/17	
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-	●13.5 MM	●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.							

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP MODULE

NAME OF MEMBER - UPPER BASE PLATE

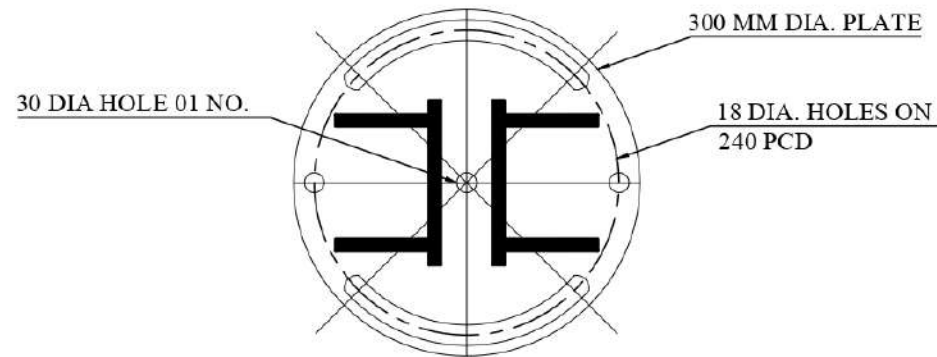
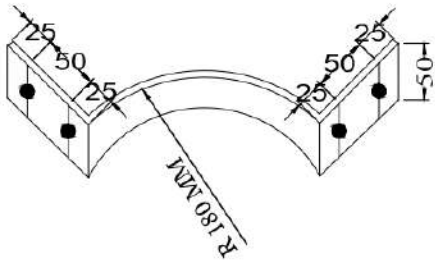
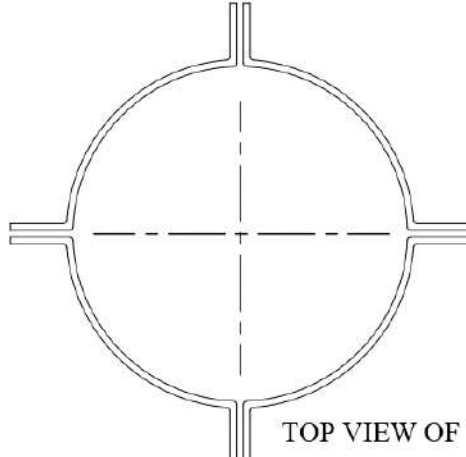


PLATE 10MM THK. - 300 x 300MM LENGTH

MARK NO. -> S2 - 7
QTY. / STR. -> 01 NO

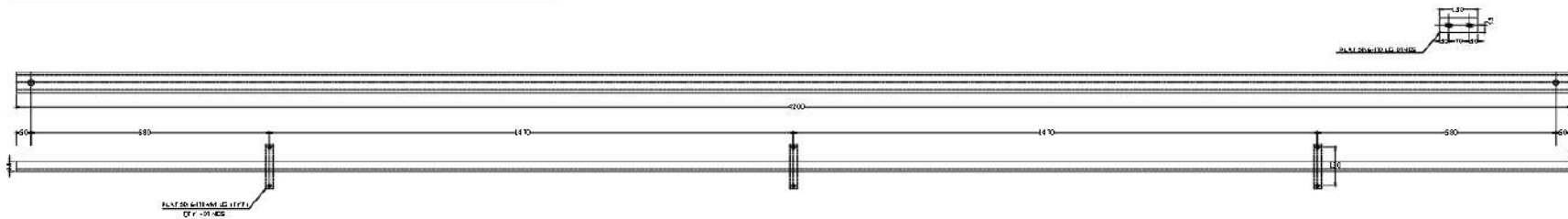
NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	6/17	
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-	●13.5 MM	●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.							

<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>						
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE						
<div style="border: 1px solid black; padding: 5px; display: inline-block;">NAME OF MEMBER - LOWER 'U' CLAMP</div>								
 <p>SIDE VIEW OF "U" CLAMP</p>			 <p>TOP VIEW OF "U" CLAMP</p>					
<u>PLATE 6MM THK. - 50 x 310MM LENGTH</u>								
NOTE:- ALL DIMENSION IN MM								
		MARK NO. -> S2 - 8		QTY. / STR. -> 04 NOS				
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES		
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE		
SKETCH CORRECTED AS PER MODDEL - QA		✓					7/17	
APPROVED BY :-		●13.5 MM	●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.								

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP MODULE

NAME OF MEMBER - OUTER PURLIN



C-CHANNEL 35x50x25x2.5 - 4200 MM LENGTH

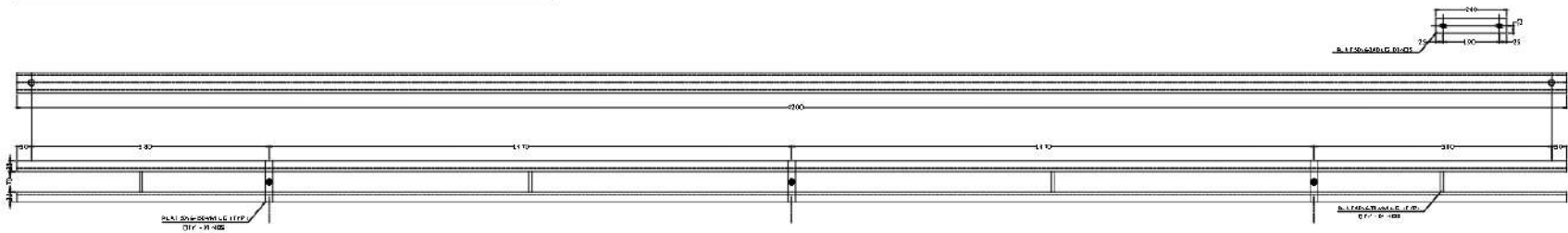
MARK NO. -> S3 - 1
QTY. / STR. -> 02 NOS

NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	8/17
SKETCH CORRECTED AS PER MODDEL - QA						
APPROVED BY :-	✓ ●13.5 MM	●17.5 MM ●18 MM	●24 MM	●28 MM		
RER. DRG. NUMBER: SH.						

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>	
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP MODULE	

NAME OF MEMBER - CENTER PURLIN



C-CHANNEL 35x50x25x2.5 - 4200 MM LENGTH

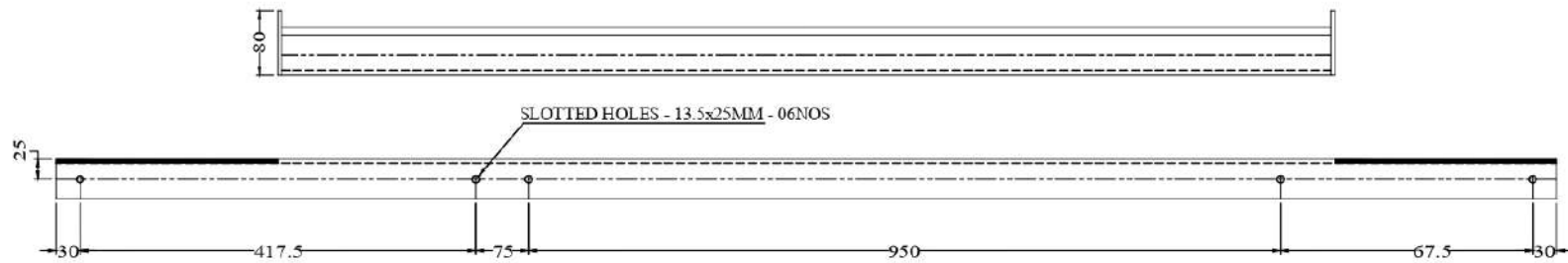
MARK NO. -> S3 - 1A
QTY. / STR. -> 02 NOS

NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP 'MODULE	8A/17	
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-	✓ ●13.5 MM	●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.							

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP MODULE

NAME OF MEMBER - INNER PERLIN



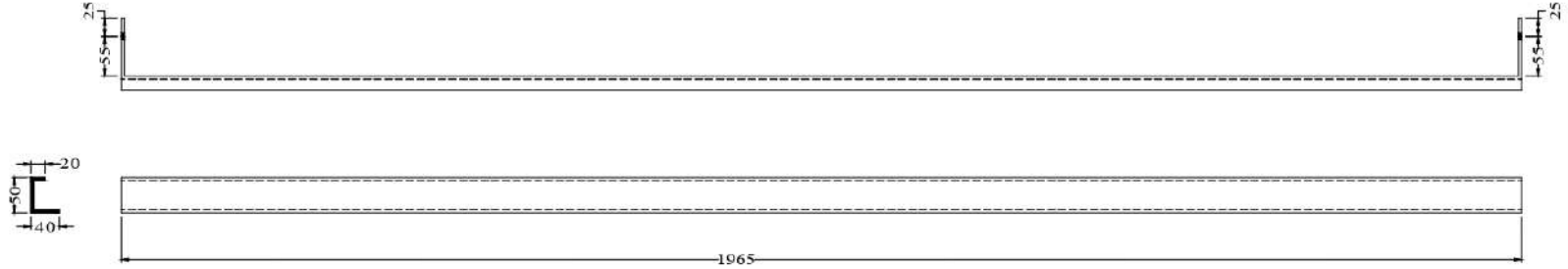
L 45x45x5 - 1570 MM LENGTH

MARK NO. -> S3 - 2
QTY. / STR. -> 04 NOS

MARK NO. -> S3 - 2A (OPP. FAB.)
QTY. / STR. -> 04 NOS

NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	9/17
SKETCH CORRECTED AS PER MODDEL - QA						
APPROVED BY :-	✓	●13.5 MM ●17.5 MM ●18 MM ●24 MM ●28 MM				
RER. DRG. NUMBER: SH.						

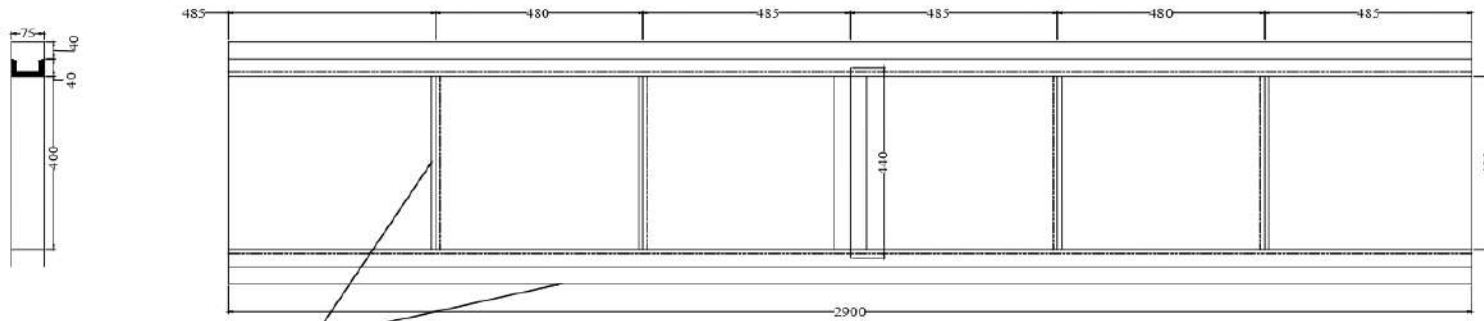
<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>						
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE						
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">NAME OF MEMBER - SIDE LOCKING CHANNEL</div>  <p style="text-align: right; margin-right: 100px;"><u>1996+80+80 - 2130 MM LENGTH</u></p> <p style="text-align: center;"><u>C-CHANNEL 40x50x20x2.5 - 2156 MM LENGTH</u></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto; margin-right: 0;"> MARK NO. -> S3 - 3 QTY. / STR. -> 04 NOS </div> <p>NOTE:- ALL DIMENSION IN MM</p>								
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	10/17	
SKETCH CORRECTED AS PER MODEL - QA		✓						
APPROVED BY :-		●13.5 MM	●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.								

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>	
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP MODULE	

NAME OF MEMBER - MAIN BEAM ASSEMBLY

SIDE VIEW

TOP VIEW



CHANNEL - 75x40 (TYP)

CHANNEL 75 x 40 - 2900MM LENGTH

MARK NO. -> S4 - 1
QTY. / STR. -> 01 NO.

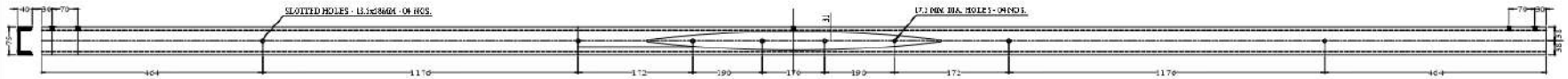
NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	11/17	
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-	●13.5 MM	✓ ●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.							

<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>						
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE						
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin-bottom: 10px;">NAME OF MEMBER - MAIN BEAM PLATE</div> <div style="text-align: center;"> </div>								
NOTE:- ALL DIMENSION IN MM		<u>PLATE 10MM - 200 x 650MM LENGTH</u>		MARK NO. -> S4 - 4 QTY. / STR. -> 02 NOS				
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	12/17	
SKETCH CORRECTED AS PER MODDEL - QA								
APPROVED BY :-		●13.5 MM	●17.5 MM ✓	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.								

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP ' MODULE

NAME OF MEMBER - RAFTER




CHANNEL 75 x 40 - 4175 MM LENGTH

MARK NO. -> S4 - 3
QTY. / STR. -> 02 NOS

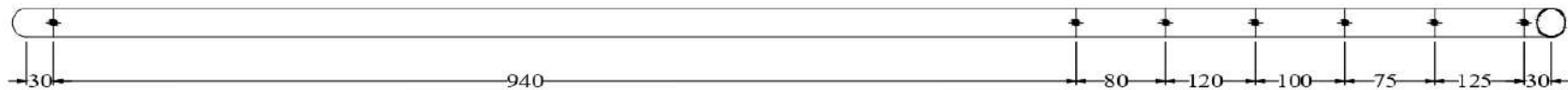
NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	13/17	
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-	✓ ●13.5 MM	●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.							

<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>					
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE					
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin-bottom: 10px;">NAME OF MEMBER - RAFTER</div>  <p style="text-align: center;">CHANNEL 75 x 40 - 4175 MM LENGTH</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto; margin-right: auto;">MARK NO. -> S4 - 3A QTY. / STR. -> 01 NO</div> <p>NOTE:- ALL DIMENSION IN MM</p>							
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	13A/17
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-		✓					
RER. DRG. NUMBER: SH.		●13.5 MM	●17.5 MM	●18 MM	●24 MM		

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>
CREDA HEAD OFFICE , RAIPUR (C.G.)	SPV PUMP 8NOS. OF 300WP MODULE

NAME OF MEMBER - SUPPORTING PIPE

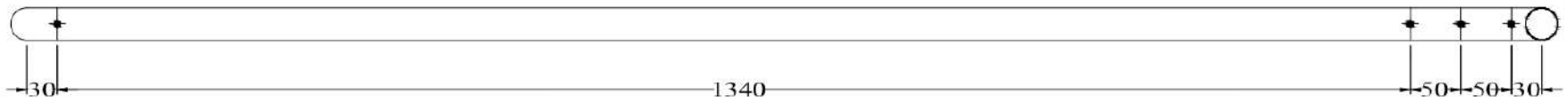


25 NB PIPE - 1500 MM LENGTH

MARK NO. -> S4 - 4
QTY. / STR. -> 04 NOS

NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	14/17	
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-	✓ ●13.5 MM	●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.							

<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>						
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE						
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin-bottom: 10px;">NAME OF MEMBER - SUPPORT PIPE</div>  <p style="text-align: center;"><u>32 NB PIPE - 1500 MM LENGTH</u></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; float: right; margin-top: 10px;">MARK NO. -> S4 - 5 QTY. / STR. -> 04 NOS.</div> <p>NOTE:- ALL DIMENSION IN MM</p>								
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET	
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	15/17	
SKETCH CORRECTED AS PER MODDEL - QA								
APPROVED BY :-		✓ ●13.5 MM	●17.5 MM	●18 MM	●24 MM			●28 MM
RER. DRG. NUMBER: SH.								

<u>CONTRACT/ SUBMITTED TO</u>	<u>TYPE OF STRUCTURE</u>
CREDA HEAD OFFICE . RAIPUR (C.G.)	SPV PUMP 8NOS. OF300WP ¹ MODULE

NAME OF MEMBER - " U " CLAMP

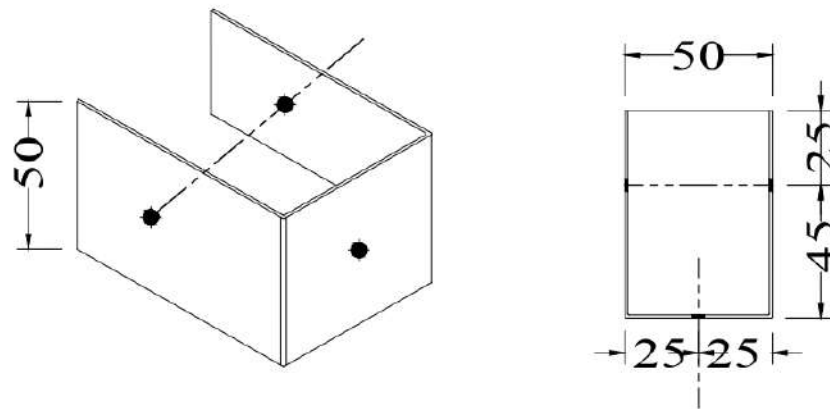
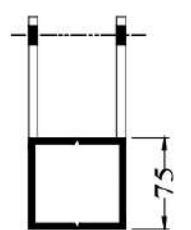
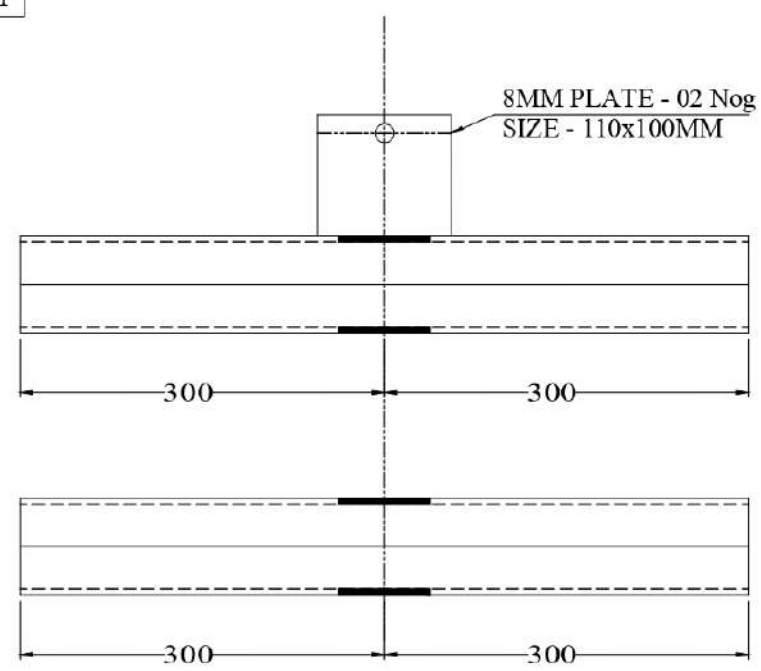
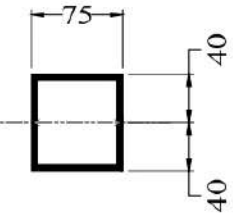


PLATE 6mm = 50 x 190 MM LENGTH

MARK NO. -> S4 - 6
QTY. / STR -> 04 NOS.

NOTE:- ALL DIMENSION IN MM

PREPARED BY :-	REV	DESCRIPTION	DATE	APP.	NOTES	SHEET
CHECKED BY :-	0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF300WP MODULE	16/17
SKETCH CORRECTED AS PER MODDEL - QA						
APPROVED BY :-	✓	●13.5 MM ●17.5 MM ●18 MM	●24 MM	●28 MM		
RER. DRG. NUMBER: SH.						

<u>CONTRACT/ SUBMITTED TO</u>		<u>TYPE OF STRUCTURE</u>					
CREDA HEAD OFFICE , RAIPUR (C.G.)		SPV PUMP 8NOS. OF 300WP MODULE					
<div style="border: 1px solid black; padding: 5px; display: inline-block;">NAME OF MEMBER - LADDER SUPPORT</div>							
							
		<p style="text-align: center;"><u>CHANNEL 75 x 40 - 500 MM LENGTH</u></p>					
						MARK NO. -> S5 - 1 QTY. / STR -> S5 - 1 NO	
NOTE:- ALL DIMENSION IN MM							
PREPARED BY :-		REV	DESCRIPTION	DATE	APP.	NOTES	SHEET
CHECKED BY :-		0	FIRST ISSUE			SHOP DRAWING FOR SPV PUMP 8 NOS. OF 300WP MODULE	17/17
SKETCH CORRECTED AS PER MODDEL - QA							
APPROVED BY :-		●13.5 MM	●17.5 MM	●18 MM	●24 MM		
RER. DRG. NUMBER: SH.							