भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सडक परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road, Transport and Highways, Government of India)
परियोजना कार्यान्वयन, इकाई. सोलापूर (महाराष्ट्र)
Project Implementation Unit. Solapur (Maharashtra)
कार्यालय : पुणे-सोलापूर राजमार्ग के निकट, मौजे बाले, जिला सोलापूर-४१३२५५, महाराष्ट्र
Office : Adjacent to Pune-Solapur Highway, Mauje Bale, Dist. Solapur-413255 Maharashtra
Phone: 02175-283399 / Office/Email: solapur@nhai.org * वेब /Web : https://nhai.gov.in

No.: NHAI/PIU/SLP/38/99 / O/C Cable/ 2024-25/ 2215 Date: 20.09.2025

INVITATION OF PUBLIC COMMENTS

Sub.: Four laning of Solapur-Maharashtra/Karnataka Border Section of NH 9 from Km. 249/000 to Km. 348/800 to be executed on BOT (Toll) Basis in the State of Maharashtra under NHDP Phase-III- **Permission for overhead crossing proposal in the under construction 220Kv S/c (on D/c towers) transmission line between Hiroli PSS to Chivari PGCIL GSS with NH-65 near village Chivari between chainage 283+000 to 284+000 (283+980) on NH-65- Reg.**

Sir

1. Authorized Signatory, M/s Solar Craft Power India 7 Pvt Ltd, Gurgaon, Haryana has submitted permission for overhead crossing proposal in the under construction 220Kv S/c (on D/c towers) transmission line between Hiroli PSS to Chivari PGCIL GSS with NH-65 near village Chivari between chainage 283+000 to 284+000 (283+980) on NH-65 in the State of Maharashtra.
2. As per the guidelines, issued by the Ministry vide OM No. RW /NH-33044/29/2015/ S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).
3. In view of the above, comments of the public on the above application are invited to below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

The Project Director
National Highways Authority of India
Project Implementation Unit, Solapur
Plot No. E-2, Jalaram Nagar,
Solapur, Maharashtra,
Pin - 413004

Thanking you,

भवदीय्

20/9/25

(स्वप्निल कासार)
उपमहाप्रबंधक (त) तथा परियोजना निदेशक,
भा.रा.रा.प्रा., इकाई. सोलापूर.

Copy to: -

i. CGM (Tech) RO Mumbai for information please.
ii. Master file.

BluPine Energy

Date:29.08.2025

To,

The Project Director,

National Highway Authority of India,

Solapur, Maharashtra.

भा.रा.रा.प्रा. पकाई, सोलापूर	
आवक क्र.	2347
दिनांक	29/08/2025

(Total - 04 Files)

Respected Sir,

Subject: Submission of overhead crossing proposal in the under construction 220 kV S/C {on D/C towers} transmission line between Hiroli PSS to Chivari PGCIL GSS with NH-65 near village Chivari between chainage 283+000 to 284+000 (283+947).

Sir,

With reference to the above subject, we would like to bring to your kind notice that, the Ministry of Power, Government of India, has accorded approval under Section 68(1) of the Indian Electricity Act-2003 to M/s Solar Craft india-7 Pvt. Ltd. for installing 150 MW wind power project in Aland, Kalburgi Dist., Karnataka state, vide Order No. 25-17/117/2024-PG dated 26-12-24. The electricity generated from these wind power plants will be connected to the grid by a dedicated overhead transmission line of 220KV S/C on D/C towers with ACSS Curlew Al-54/7st./3.513mm Conductor from proposed 220KV PSS in Hiroli, Kalaburagi district, to Chivari PGCIL GSS (ISTS) in District Dharashiv (Osmanabad). Maharashtra.

During the survey, it was observed that the overhead line crossing at km 283+947 in Andur village, Tal. Dharashiv (Osmanabad), has tower distances of 114 meters (LHS) and 72 meters (RHS) from the project highway's centerline, with a total span of 176 meters between the towers (i.e. AP 23 and AP 24).

In accordance with the Indian Electricity Act, 2003, and relevant guidelines, this office submitting the proposal for the aforementioned crossing in the Solapur to Mah-Knt Border section of NH-65, seeking further approval.

Solarcraft Power India 7 Private Limited

Solarcraft Power India 7 Private Limited

Regd. Address: 109, First Floor, Rishabh IPEX Mall, IP Extension Patparganj, Delhi – 110092, India.

Office Address 1st Floor, Tower C Building 10 DLF Cyber City Phase-II, DLF, Gurgaon, Haryana, 122002, India.

CIN: U40106DL2021PTC386429
blupineenergy.com
contact@blupineenergy.com
Contact No. 9999485688

BluPine Energy

The following documents are furnished for your reference and further process.

1. Tower schedule.

2. Crossing profile

3. Tower structure diagram of crossing towers

4. Tower spotting data

5. Conductor GTP

6. Details of crossing

7. Foundation Drawing

We kindly request you to review this application and grant approval for the subject power line crossing work.

Thank you.

Yours sincerely,

Solarcraft Power India 7 Private Limited

M/s, Solar Craft India - 7 Pvt Ltd.

AUTHORIZED SIGNATORY

Solarcraft Power India 7 Private Limited

Regd. Address: 109, First Floor, Rishabh IPEX Mall, IP Extension Patparganj, Delhi – 110092, India.

Office Address 1st Floor, Tower C Building 10 DLF Cyber City Phase-II, DLF, Gurgaon, Haryana, 122002, India.

CIN: U40106DL2021PTC386429
blupineenergy.com
contact@blupineenergy.com
Contact No. 9999485688

No. 25-17/117/2024-PG
Government of India
Ministry of Power
***

Shram Shakti Bhawan, Rafi Marg
New Delhi/ Dated 26th December 2024

To,

Shri Deepak Khare, Authorized Signatory,
M/s Solarcraft Power India 7 Private Limited,
First Floor, Tower - C, Building No. 10,
Cybercity Phase 2,
Gurgaon, Haryana – 122002.
Email- deeppak.kharre@blupineenergy.com

Subject: Prior approval of the Government of India under Section 68 (1) of the Electricity Act, 2003, to M/s Solarcraft Power India 7 Private Limited (SPI7PL) for installation of the dedicated overhead transmission line included in the transmission system for providing connectivity to M/s Solarcraft Power India 7 Private Limited for its proposed Wind Power Project in Kalaburagi District, Karnataka- regarding

Sir,

I am directed to refer to M/s SPI7PL's online application on NSWS portal dated 20.11.2024, seeking prior approval of the Government of India under Section 68 (1) of the Electricity Act 2003, in favour of M/s Solarcraft Power India 7 Private Limited for installation of the following dedicated overhead transmission line included in the transmission system for providing connectivity to M/s Solarcraft Power India 7 Private Limited for its proposed Wind Power Project in Kalaburagi District, Karnataka:

- SPI7PL – Solapur PS 220 kV S/c line on D/c towers along with associated bay at generation end (under the scope of M/s SPI7PL)

2. CTUIL has granted in-principle/final connectivity for 150 MW to M/s Solarcraft Power India 7 Private Limited (SPI7PL) for its proposed Wind Power Project in Kalaburagi District, Karnataka. The details of connectivity granted are given below:

Details of In-Principle/Final Connectivity granted		
Reference number and date		Quantum (MW)
Original	CTU/WR/CONN-INT-1C/2200000213 dated 21.08.2024	50
Revised	CTU/WR/CONN-INT-1C/2200000213/R1 dated 19.11.2024	
Original	CTU/WR/CONN-INT-1C/2200000409 dated 21.08.2024	47.2
Original	CTU/WR/CONN-INT-1C/2200000270 dated 24.09.2024	52.8
Total		**150**

Contd/...

3. Based on the recommendation of Central Electricity Authority (CEA); Ministry of Power, Government of India conveys the prior approval under Section 68 (1) of the Electricity Act, to M/s Solarcraft Power India 7 Private Limited (SPI7PL) for installation of the dedicated overhead transmission line included in the transmission system for providing connectivity to M/s Solarcraft Power India 7 Private Limited for its proposed Wind Power Project in Kalaburagi District, Karnataka:

- SPI7PL (located in Village Hiroli, Taluka Aland, District Kalaburagi, Karnataka) - Solapur PS (ISTS) 220 kV S/c line on D/c towers.

[Total line length is 39 km. (approx.) out of which approximately 36 kms. would be implemented as S/c line on D/c tower and 3 km (approx.) from Solapur PS end would be implemented as S/c line on M/c towers]

4. The approval would be subject to compliance of:

(i) The relevant provisions of the Electricity Act, 2003, as amended from time to time and the rules and regulations made there under, and

(ii) CEA (Measures relating to Safety and Electric Supply) Regulations, 2023, and any subsequent amendments made thereto.

5. The approval would also be subject to the following conditions:

(i) The implementing agency will commence construction of the project within three years of grant of approval, unless this term is extended by Ministry of Power.

(ii) Ministry of Power may withdraw the approval before the expiry of the period of three years after giving a one-month notice.

(iii) The implementing agencies shall abide by the provisions of Works of Licensees Rules, 2006 notified by the Govt. of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18-04-2006).

Yours faithfully,

MVNVara Prasad

(M.V.N. Vara Prasad)
Under Secretary to the Government of India
Tele: 011-23730264

Copy to:

The Chairperson
Central Electricity Authority
Sewa Bhawan, R.K. Puram, New Delhi 110066.

***

BluPine Energy

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED IN THE BOARD MEETING OF THE BOARD OF DIRECTORS OF SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED ("THE COMPANY") HELD ON MONDAY, NOVEMBER 18, 2024, AT FIRST FLOOR, TCG FINANCIAL CENTRE, PLOT NO. C-53, G-BLOCK, BANDRA KURLA COMPLEX, BANDRA EAST, MUMBAI 400098, MAHARASHTRA, INDIA

AUTHORISATION FOR SUBMISSION OF APPLICATION DOCUMENTS FOR PRIOR APPROVAL FOR INSTALLATION OF 220kV OVERHEAD TRANSMISSION LINE, IN ACCORDANCE WITH SECTION 68(1) OF THE ELECTRICITY ACT, 2003.

"**RESOLVED THAT** Mr. Deepak Khare, Vice President Projects (Wind Business), Mr. Manish Verma, Vice President, Mr. Vijay Kumar Srivastava, General Manager, Mr. Manmohan Mishra, General Manager and Mr. Swapnil Bhardwaj, Deputy General Manager Projects, (Collectively called as **'Authorised Signatories'**), be and are hereby severally authorized, by the Board of Directors, to submit application documents and all other documents to seek prior approval for installation of 220kV overhead transmission line, in accordance with Section 68(1) of the Electricity Act, 2003, in respect of setting up and development of Wind / Firm and Dispatchable Power From ISTS-Connected Renewable Energy (RE) Power Projects with or without Energy Storage System, connecting to Solapur PS of Central Transmission Utility of India Limited."

"**RESOLVED FURTHER THAT** the aforesaid authorized signatories be and are hereby severally authorized by the Board of Directors to execute, sign and submit various documents, agreements, declarations, papers, letters, undertakings, clarifications, memorandums, writings etc. as may be required to be submitted along with the aforementioned application, to collect necessary Demand Draft from Bank, to obtain approvals and No Objection Certificates from statutory authorities or regulatory authorities, and to do all such acts, deeds, and things as may be deemed necessary and incidental to make application for installation of said overhead transmission line."

"**RESOLVED FURTHER THAT** the Company undertakes to indemnify each Authorised Person from and against all actions, proceedings, claims, costs, expenses and liabilities of every description arising from the exercise in good faith of any of the powers conferred by this resolution."

"**RESOLVED FURTHER THAT** all acts done and documents executed or signed by the Authorised Persons under bona fide belief and in the purported exercise of any power conferred by this resolution shall be, and hereby are ratified as, valid and binding, including acts occurring prior to the date hereof."

"**RESOLVED FURTHER THAT** the aforesaid powers entrusted shall be valid and effective unless revoked earlier by the Board or shall be, save as otherwise, where in case they are not associated with the Company or are not involved in the affairs of the business of the Company, they shall cease to be a valid representative or authorized person within the terms of this Resolution on and from the date of such disassociation or non-involvement."

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

BluPine Energy

"**RESOLVED FURTHER THAT** a copy of the above resolution certified by any of the Director of the Company be forwarded to appropriate authorities / parties as may be required."

Certified true copy
SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED.

JITESH AGARWAL Digitally signed by JITESH AGARWAL Date: 2024.11.19 13:47:45 +05'30'

RISHABH MAHNOT

Signatures:
Name: Jitesh Agarwal
DIN: 07753692
Designation: Director
Address: Raheja Ridgewood, C604, Goregaon (East), Western Express Highway, Mumbai 400063, Maharashtra, India
Date: November 19, 2024
Place: Mumbai

Signatures:
Name: Rishabh Mahnot
DIN: 09204532
Designation: Director
Address: C-76, Venus Apartments, R.G Thadani Marg, Worli Seaface, Mumbai 400018, Maharashtra, India
Date: November 19, 2024
Place: Mumbai

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Client : SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Developer : M/s. ENERFRA PROJECTS (INDIA) PVT LTD.

Survey Consultants : M/s. Geomatiics, Tumkur

Name of Works : Detailed Survey for Proposed 220kV Single Circuit EHV line from the Proposed Wind Farm Pooling Sub-station at Hiroli village to the Proposed 400/220kV PGCIL Sub-station at Chivari Solapur, Maharashtra state.

AS PER DEATIELD SURVEY											AS PER CHECK SURVEY																			
Sl Nos	UTM	UPS	AP Nos.	Proposed	Type of L&T	Deviation of Angles	Span Length	Section Length	Cumulative Chainage			Proposed	Type of L&T	Deviation of	UTM	UPS	Type of L&T	Deviation of	Span Length	Section	Cumulative	Weight Span (Hot			Weight Span (Cold			Crossing	Type of Soil	Village Limits
																						L	R	T	L	R	T			
1	629270.53	1969393.16	AP-23		DD+3	19°21'46" R					AP-23	109	DD+3	19°21'46" R	629270.53	1969393.16	DD+3	05°56'40"R		690	30868	161	102	263	184	100	284		soft rock	Andur
							176												176									line, LT line, NH from Solapur to Naladur		
2	629240.91	1969566.44	AP-24	110	DD+3	7°42'29"R					AP-24	110	DD+3	7°42'29"R	629240.91	1969566.44				43	31013	198	45	155	200		-	-	softrock	Andur

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

220 kv Twin S/C (on D/C towers) transmission line between Hiroli PSS to Chivari PGCIL GSS.

CHECK LIST

Guidelines for Project Directors for processing the proposal of laying over Head Electrical Line Crossing National Highway Vested with NHAI

Relevant Circulars/Codes: -

1) Ministry of Road & Transport & Highway Letter No. 33044/29/2015/S&R(R) Dated 22.11.2016
2) Ministry Circular No. NH-III/P/20/77 Dated 08.04.1982
3) Indian Electricity Act – 1910
4) Indian Electricity Rules-1956
5) IRC:32-1969
6) IS:5613-1976 Part-I to IV

220 Kv Twin S/C (on D/C towers) TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
1	General Information		
1.1	Name and address of the applicant with Full Address	M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.	
1.2	National Highway Number	NH-65 Between chainage KM283+000 – KM284+000 (The Centre Line is crossing exactly at chainage KM 283+947)	
1.3	State	Maharashtra	
1.4	Location	Near Andur Village, Dist- Dharashiv	
1.5	Name of the Line	220 kv Twin S/C (on D/C towers) transmission line between Hiroli PSS to Chivari PGCIL GSS	
1.6	Chain-age in Km	Between chainage KM283+000 – KM284+000 (The Centre Line is crossing exactly at chainage KM 283+947)	
1.7	Length in Meter (NH Crossing Span of Tower Line)	176 M	As per the Indian Electricity Act – 2003 and Latest Guidelines from CEA the maximum span of two tower shall be less than 250 M.
1.8	Width of available ROW (220 KV)	60.00Mtrs	-
	a) Left side from center line towards increasing chain-age/ km direction.	30.00 Mtrs	
	b) Right side from center line towards increasing chain-age/km direction	30.00 Mtrs	
1.9	Proposal to lay overhead		
	a) Left side from center line towards increasing chain-age/Km direction	NA	
	b) Right side from center line towards	NA	

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Solarcraft Power India 7 Private Limited

Authorized Signatory

220 Kv Twin S/C (on D/C towers) TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	increasing chain-age/ Km direction		
	c) Crossing of NH number	NH-65 (crossing exactly at Ch. 283+947)	
1.10	Proposal to acquire land		
	a) Left side from the center line	Not Applicable	
	b) Right side from the center line	Not Applicable	
1.11	Whether proposal is		
	a) In the same side where land is not to be acquired	Land acquisition is not involved.	
	b) Crossing the National Highway	Yes, the overhead electrical towers are to be laid both side in the agricultural field away from the NH boundary	
	If not then where to lay the overhead Electrical Line		
1.12	Details of already laid services (overhead) Telecommunication line, overhead Electrical line etc.) if any, along proposed route / proposed crossing	No Overhead of any Telecommunication/Electrical Line at Crossing Point	
1.13	Number of lanes (2/4/6/8 lanes) existing	4 Lanes	
1.14	Proposed number of lanes (with paved shoulders 2/4/6/8)	4 Lanes with paved shoulders on BHS	
1.15	Service road existing or not	NA	
	If yes then which side	NA	
	a) Left side from the center line	NA	
	b) Right side from the center line	NA	
1.16	Proposed Service Road	NA	
	a) Left side from the center line	NA	
	b) Right side from the center line	NA	
1.17	Whether proposal to lay overhead Electrical line is after the service road or between the service road and main carriage way, or crossing the National Highway.	Over Head crossing of the National Highway 65.	
1.18	The Permission of laying Over Head Electrical Line shall be considered for approval / rejection based on the Ministry Circulars and relevant codes.	Yes. Pl Consider for approval.	
1.19	If crossing of the road involved		
	A) Is it on a line normal to NH and provide length of crossing span.	Angle of Crossing –67° 20' 01'' Length of Crossing Span – 176 Mtr	
	B) Structure (Towers, tension towers, pole for HT line only) for crossing shall not be to near to the existing structures on the National Highway, the minimum distance being 15 meters. i) Type of Existing / Proposed structure for National Highway.	Distance is more than 15 mtrs as mentioned below Tension towers, Tower type DD+3M Extension on one side and DD+3M Extension on the other side of NH.	

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

220 Kv Twin S/C (on D/C towers) TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	ii) What is the distance of tower, pole and tension towers from the existing/proposed structure of National Highway.	Tower No. AP23/0 (DD+3M) is 32 M from outer boundary of the existing National Highway and Tower No: AP24/0(DD+3) is 84 M from other side outer boundary of the National Highway. And the total width of the NH is 60 M.	
	C)The overhead lines and their supporting poles/ towers should ordinarily be placed at the extreme edge of the road land boundary. In any case, these shall be at 10 meters away from the edge of the existing traffic lane. Where the existing roadway is narrow than the minimum required according to standard or where the widening is proposed for any reason, the lateral clearance shall be reckoned with respect to ultimate road way. **What is the horizontal clearance from the extreme edge of the road boundary?** .	YES The horizontal clearance from Tower No: AP23/0 (DD+3M) is 32 M and AP24/0(DD+3M) is 84 M from Extreme Road Boundary of NH-65.	
	d) The overhead lines and their supporting poles/towers should be ordinarily being placed at a minimum distance of 5.0m from the nearest line of avenue trees.	Overhead line supporting is far away from the nearest line of avenue trees.	
	e) In Mountainous / hilly terrain the overhead lines should be erected preferably on the valley side as far as away as practicable. In hilly region, level of ground at a suitable distance below the outer conductor on either side from the center line is also to be noted and marked in profile so as to ensure required ground clearance underneath conductor and side clearance in swing conditions. Is the proposal in hilly area?	No, Proposal is in plain terrain.	
	f) The horizontal clearances in respect of poles erected for the purpose of street lighting in urban situation shall be as under.	Not Applicable	
	i) For road with raised kerbs – Minimum 300 mm from the edge of the nearest kerb 600 mm being preferable.	Not Applicable	
	ii) For road without raised kerbs – At least 1.5m from the edge of carriageway, subject to minimum of 5.0 meter from the center line of the carriage way.	Not Applicable	
	g) The pylons of HT lines along the crossing		

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

220 Kv Twin S/C (on D/C towers) TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	the road shall be located outside the National Highway land	YES	
	h) For crossing the line of same voltage or lower voltage, suspension/tension tower with suitable extension shall be used.	YES	
	i) The vertical clearance of the overhead lines crossing the road shall be reckoned from the top of the crown of the road considering the anticipated final top level due to future raising of road level, strengthening of pavement, etc. The actual ground clearance of high-tension lines for voltage above 650 volts varies depending upon the voltage transmitted and these are stipulated in Indian Standard Codes is 5613-1976 part I to IV and Indian Electricity Rules 1956 as under.	**14.19 Mtrs from highest point in center of the NH road divider.**	As per the Indian Electricity Act – 2003 and Latest Guidelines from CEA the minimum clearance of 220 KV Double Circuit Line from NH center shall be **12.52 Mtrs.**
	For ordinary wire and line carrying low voltage up to and including 110 volts – 5500 mm	N/A	
	For electric power lines carrying low voltage up to and including 650 Volts – 6000 mm	N/A	
	For electric power lines carrying voltage exceeding 650 Volts – 6500 mm	N/A	
	220 KV – 7015 mm	The vertical clearance between top surface of existing National Highway and lowest point of the conductor at maximum possible sag is **14.19 Mtrs**	
	400 KV – 8840 mm	N/A	
	800 KV – 15000 mm	N/A	
	Note: These are minimum requirement where ever local authority requirement is higher, the same shall be provided. In case of HT line, Road crossing, the ground clearance at the road under maximum temperature and in still air shall be such that even with conductor bundle broken in adjacent span, the ground clearance of the conductor from the road surface shall not be less than 15.00	YES	
	What is the voltage of proposed line and clearance under maximum sag condition between lowest conductor of the proposed line and existing National Highway / future developed National Highway?	The voltage of proposed line is 220 KV, Clearance under maximum sag condition between lowest conductor of the proposed line and existing National Highway is 14.19 Mtrs.	
2	Documents/drawings enclosed with the proposal		

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

220 Kv Twin S/C (on D/C towers) TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
2.1	Cross section showing the size of trench for open trenching method	NA, as the crossing is overhead and across NH.	
2.2	Cross section showing the size of pit and location of cable for HDD method	NA, as the crossing is overhead	
2.3	Strip/Route plan showing overhead Power Transmission line Chainage, width of ROW, distance of proposed cable from the edge of ROW. Important mile stone, intersections, cross drainage works etc	YES	
2.4	Methodology of laying Overhead Power Transmission Line	Yes, Enclosed	
2.4.1	Open trenching method, if yes methodology of refilling of trench	NA	
2.4.2	Horizontal Direction Drilling method	NA	
2.4.3	Laying of Overhead Electrical line through CD works and method of Laying	NA	
3	Draft License agreement signed by two witnesses	YES	
4	Performance Bank guarantee in favor of NHAI has to be obtained @Rs.100 per running meter (Parallel to NH) and Rs.100000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactorily completion of work) as a security for ensuring / making good the area, clearing the debris / loose earth etc. produced.	Will be submitted after according approval	
4.1	Performance bank guarantee as per above is to be obtained	Will be submitted as per demand of NHAI	
4.2	Confirmation of BG has been obtained as per NHAI Guidelines	YES	
5	Affidavit / Under taking to be obtaining from (to the furnished by) the applicant.	YES	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concern agency.	YES	
5.2	Undertaking for renewal of Bank Guarantee if required.	YES	
5.3	Confirming all standard conditions as laid down in Ministry Circular No: NH-III/P/20 dated 08.04.1982, Indian Electricity Act – 1910, Indian Electricity Rule – 1956, IRC – 32 - 1969 IS: 5613 – 1976 Part I to IV and NHAI's guideline.	YES	
5.4	Shifting of overhead electrical line at their own cost as and when required by NHAI	YES	
5.5	Shifting of overhead electrical line at their own cost if require due to 4/6 lining/widening	YES	

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

220 Kv Twin S/C (on D/C towers) TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	of National Highway.		
5.6	Indemnity against all damages and claims what so ever kind that may be to NHAI or any third party in the ROW during installation, operation and maintenance.	YES	
5.7	Traffic movement during laying of overhead electrical line to be managed by the applicant.	YES	There will be minimal traffic halt of 5-5 Mins. Local Police & Traffic inspector will be intimated before the stringing work.
5.8	If any claim is raised by the Concessionaire, then the same has to be paid by the applicant	YES	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the overhead electrical line located in the National Highway Right of way.	YES	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance of the overhead electrical line will be borne by the agency owing the line.	YES	
5.11	If NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES	
5.12	Certificate from the applicant in the following format	YES	
	i)Laying of Overhead electrical line will not have any deleterious effect on any of the bridge components and roadway safety for traffic.	YES	
	ii)For 6/8 lanning "We do undertake that I will relocate service road / approach road / utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-lanning or any other development.	YES	

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

220 Kv Twin S/C (on D/C towers) TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
6	Certificate from the Project Directors:		
6.1	Certificate confirming that the proposal has been examined with respect to the structures and developmental work considered at this location and compliance of all standard condition issued vide ministry Circular No: NH – III/P/20/77 dated 08-04-1982, Indian Electricity Act – 1910, Indian Electricity Rules 1956, IRC: 32-1969, IS: 5613 – 1976 Part-I to IV and NHAI's guideline.	To be provided NHAI	
6.2	Certificate from PD in the following format		
	i) "It is certified that any other location of the Electric line would be extremely difficult and unreasonable costly and the installation of Electric line within ROW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc"	To be provided NHAI	
	ii) For 6 lanning a) Where feasibility is available *"I do certify that there will be no hindrance to proposed six lanning based on the feasibility report considering proposed structures at the said location".*	To be provided NHAI	
	b) In case feasibility report is not available *"I do certify that sufficient ROW is available at site for accommodating proposed six lanning".*	To be provided NHAI	
7.	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement, "The Permitted Highway on which License has been granted the right to lay Overhead Electrical line has also been granted as a right of way to concessionaire under the concession agreement for up- gradation of. (Km 122 to km 123, (Crossing exactly at chainage KM 122+385) NH No: (New NH: 150 E) on build, operate and transfer basis) and therefore, the license shall honor the same.	To be provided NHAI	
8.	Who will supervise the work of laying of overhead electrical Line	Competent person from M/s, Solar Craft India - 7 Pvt Ltd	
9.	Who will sign the agreement on behalf of overhead electrical line agency.	Project Manager (Authorized Signatory) from M/s. Solar Craft India - 7 Pvt Ltd	
10.	Who will ensure that the defects in road portion after laying of overhead electrical line are corrected and if not corrected then what	Project Manager (Authorized Signatory) from M/s. Solar Craft India - 7 Pvt Ltd	

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

220 Kv Twin S/C (on D/C towers) TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	action will be taken.		
11.	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Project Manager (Authorized Signatory) from M/s. Solar Craft India - 7 Pvt Ltd	
12.	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Not Applicable	
13.	If any previous approval is accorded for laying of overhead electrical line then photocopy of register of records of permissions accorded as maintained by PD may be enclosed.	Not Applicable	
For M/s. Solar Craft India - 7 Pvt Ltd		**For National Highway Authority of India-Solapur (Maharashtra)**	

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894609

अ. न. ४८७५ तारीख १९/८/२०२५

नि.अं. श्री सोलार क्राफ्ट पॉवर इंडिया ७ प्रा. लि. दिल्ली

यांनी जनरल स्टँप रूपये. १०० /-

.मागितले वरून रूपये १०० /-

त्यांच्या भरतीस रूपये. -

स्टॅम्प दिला असे

हस्ते . प्र.क्ष. संगणकारक

सौ. दे.. के. बोंगाळे मुद्रांक विक्रेते, अणदूर

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.1

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

We Shall not damage to other utility, if it is damaged then pay to NHAI or the concerned owning agency as per direction by NHAI.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894612

अ. न. ९५५६ तारीख २९/५/२०२५

नि.अं. श्री सोलार क्राफ्ट पावर इंडिया ७ प्रा. लि. दिल्ली

यांनी जनरल स्टँप रूपये. १००/-

.मागितले वरून रूपये १००/-

त्यांच्या भरतीस रूपये.

स्टॅम्प दिला असे

हस्ते . प्रदीप. शंकनवार

सौ. के. के. बोगुले मुद्रांक विक्रेते, अणदूर

ता. परंडा. क्र. ३५०६०११

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.2

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

We Shall furnish Bank Guarantee as per NHAI Norms before execution of work and renew timely if required.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894613

अ. न. ७५०९ तारीख १९/०८/२५
श्री सोलार क्राफ्ट पावर इंडिया ७ प्रा. लि.
च्यांनी जनरल स्टॅंप रूपये. १००/-
मागितले वरून रूपये १००/-
त्यांच्या भरतीस रूपये. -
स्टॅम्प दिला असे
हस्ते. प्र.ना. कांगणवार
सौ. वै. के. बोगस मुद्रांक विक्रेते, अणदूर
परवाना क्र. ०५०६०१९

न.अं.

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
05 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.3

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

We Shall follow and abide by all standard conditions of MoRT&H and NHAI guidelines regarding laying of the said Transmission line project.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

Solarcraft Power India 7 Private Limited

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894615

नि.अं. अ. न. ८८७ तारीख १९/८/२०२५
श्री सोलार क्राफ्ट पॉवर इंडिया ७ प्रा. लि. दिल्ली
यांनी जनरल स्टॅंप रूपये १००
अक्षरी एक शत रुपये
त्यांच्या भरतीस रूपये.
स्टॅम्प दिला असे
हस्ते . प्र. ना. संगनवार

सौ. [illegible] के. बोंगरगे मुद्रांक विक्रेते, अणदूर
[illegible] परवाना क्र. ३५०६०१६

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.4

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We M/s **SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED has to shift the above Overhead Power line as and when required by NHAI and shall be carried out at our own cost.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

रु. 100

ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894617

अ. न. ४८८३ ताराख २१/२/२०२५

नि.अं. श्री सोलार क्राफ्ट पावर इंडिया ७ प्रा. लि. दिल्ली

एकूण जनरल स्टॅंप रूपये. १००

.मागितले वरून रूपये १००

त्यांच्या भरतीस रूपये.

स्टॅम्प दिला असे

हस्ते . प्रशांत श्रीगणकार

सौ. बोरगाव खुर्द विक्रेते, अण्णा

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.5

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, has to shift the above Overhead Power line at our own cost (If required), in future due to 6/8 Laning/widening is in process of NH.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894618

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

अ. न. ४८५६ तारीख १९/८/२०२५
श्री सोलर क्राफ्ट पावर इंडिया ७ प्रा. लि.
यांनी जनरल स्टॅम्प रूपये १००
मागितले वरून रूपये २
त्यांच्या भरतीस रूपये.
स्टॅम्प दिला असे
हस्ते प्रताप संगमकर
नि. अं.
ो. के. के. बोंगाळे मुद्रांक विक्रेते, अणदूर

Annexure 5.6

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

Indemnity against all damage and claims during installation, Operation & Maintenance is of **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED.**

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894620

अ. न. ४२८८ तारीख १५/८/२०२५
श्री सोलार क्राफ्ट पॉवर इंडिया ७ प्रा. लि.
यांनी जनरल स्टँप रुपये १००/-
मागितले वरून रुपये १००/-
त्यांच्या भरतीस रुपये
स्टॅम्प दिला असे
हस्ते प्र.ना. शेंगनकार

सौ. वे. के. बोंगरगे मुद्रांक विक्रेते, अणदूर
परवाना क्र. ३५०६०११

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.7

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

Traffic movement during laying of said overhead electrical line shall be managed by **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED.**

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894624

अ. न. ४२९० तारीख १५/८/२५

नि.अं. श्री सोलार क्राफ्ट पॉवर इंडिया 7 प्रा. लि.

यांनी जनरल स्टॅंप रूपये.

मागितले वरून रूपये

त्यांच्या भरतीस रूपये.

स्टॅम्प दिला असे

हस्ते प्र. न. [illegible]

बोगस मुद्रांक विक्रेते, अणदूर

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.8

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

We **SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED** hereby do undertake that, if any claims are raised by concessionaire, then the same shall be paid by M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894626

अ. न. 2452 तारीख 21/07/2025

श्री सोलार क्राफ्ट पावर इंडिया 7 प्रा. लि. दिल्ली

यांनी जनरल स्टँप रूपये. 100/-

.मागितले वरून रूपये 100

त्यांच्या भरतीस रूपये.

स्टॅम्प दिला असे

हस्ते .प्र.ना. अंगणवार

बोगस मुद्रांक विक्रेते, अणदूर

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
05 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.9

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

We will obtain prior approval of NHAI before undertaking of any work of installation, shifting, repairs or alterations to the said overhead electrical line located in the National Highway Right of Way.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894621

अ. न. ४८८८ तारीख १४/८/२०२५

श्री सोलार क्राफ्ट पॉवर इंडिया ७ प्रा. लि.

यांनी जनरल स्टँप रूपये १००

मागितले वरून रूपये १००

त्यांच्या भरतीस रूपये -

स्टॅम्प दिला असे

हस्ते प्र. ना. संगनवार

नो. दे. के. बोगरगे मुद्रांक विक्रेते, अणदूर

परवाना क्र. ३१०६०११

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
05 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.10

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the said overhead electrical line located in the National Highway Right of way will be borne by the M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Solarcraft Power India 7 Private Limited

Authorized Signatory

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894629

अ. न. ४८५५ तारीख ३१/७/२५

न.अं. श्री सोलर क्राफ्ट पॉवर इंडिया ७ प्रा. लि. दिल्ली

यांनी जनरल स्टँप रूपये. १००

.मागितले वरून रूपये २००

त्यांच्या भरतीस रूपये.

स्टॅम्प दिला असे

हस्ते . प्र. ना. [illegible]

सौ. के. [illegible] बोंगरगे मुद्रांक विक्रेते, अणदूर

[illegible]पूर परवाना क्र. ३५०५०११

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

Annexure 5.11

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220 KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

If NHAI considers, it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by NHAI at the cost of agency owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given.

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894631

अ. न. ताराख
श्री
स्टॅम्प जनरल स्टँप रूपय.
.म.गितले वरून रूपये
त्यांच्या भरतीस रूपये.
स्टॅम्प दिला असे
हस्ते .

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

सौ. बोंगरगे मुद्रांक विक्रेते, अणदूर

Annexure 5.12

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

i. Laying of overhead electrical line will not have any deleterious effects on any of bridge components and roadways safety for traffic.

ii. For 6/8 lanning **"M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED** do undertake that, I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-laning or any other development.

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894632

अ. न. तारीख

श्री

जनरल स्टँप रूपये.

मजकूरातले वरून रूपये

त्यांच्या भरतीस रूपये.

स्टँप दिला असे

हस्ते

उपकोषागार, तुळजापूर जि. धाराशिव
मुद्रांक पुरवठा दिनांक
06 AUG 2025
उपकोषागार अधिकारी
तुळजापूर

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED
Regd. Office: 109, First Floor, Rishabh IPEX Mall IP Extension,
Patparganj, Near MAX Hospital Delhi East Delhi 110092 India.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

We **M/s SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED, 109, First Floor, Rishabh IPEX Mall IP Extension, Patparganj, Near MAX Hospital Delhi East Delhi 110092 India**, do hereby undertake that in connection with laying a 220KV S/C line on D/C tower overhead cable line at **Km 283+947 from RHS to LHS** on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Andur, Tal. Tuljapur, District Dharashiv, Maharashtra.

1. The Transmission line installation shall be carried out by trained & experienced personnel & supervised by technically qualified persons competent to undertake such works.
2. The applicant shall ensure the safety of the highway traffic against the hazard of the high voltage lines during installation, operations & Maintenance.
3. We undertake for compliance with Indian electricity rules and other authorities' regulations- All overhead lines shall comply with the requirement of the Indian electricity act and rules made thereunder and regulation or specification as laid down by railways or railway electrification authorities, post and telegraphs department, roadways or navigation or aviation authorities and power and governing bodies, defence authorities and power and telecommunications coordination committee, wherever applicable.

Solarcraft Power India 7 Private Limited

Authorized Signatory

M/s. SOLARCRAFT POWER INDIA 7 Pvt. Ltd.

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ 49AB 894634

अ. न. 7500 तारीख 9/8/2025

न.अं. श्री सोलार क्राफ्ट पॉवर इंडिया 7 प्रा. लि.

यांनी जनरल स्टॅंप रूपये. 100/-

.मागितले वरून रूपये 100

त्यांच्या भरतीस रूपये.

स्टॅम्प दिला असे

हस्ते . प्र. न. कोळगावे

K K Bongarge

उपकोषागार, तुळजापूर जि. धाराशिव

मुद्रांक पुरवठा दिनांक

06 AUG 2025

उपकोषागार अधिकारी

तुळजापूर

AGREEMENT REGARDING GRANTING OF RIGHT OF WAY

PERMISSIONS

FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS

Agreement to lay Telecom Cable/OFC cable / Electric cable/pipe line/ducts

Etc. At Km._____ and at Km. _____of _____ land

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

This agreement this ..... day of ..... (month) of ..... (year) between ..... Acting in his executive capacity through .....(herein after referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part M/s. ..... a company registered under the Companies Act, 1956 and having its registered office at ..... (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for the development and maintenance of lands in Km..... to ..... NH no. of ROW.

Whereas the Licensee proposes to lay Telecom cable/OFC cable/Electrical cable/pipe line/ducts etc referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services at Km ..... & at Km ..... of road/route ..... respectively.

And whereas the Authority has agreed to grant permission for way of leave on the NH ROW as per terms and conditions hereinafter mentioned.

Now this agreement witnesseth that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per namely.

1. ROW permissions are only are only enabling in nature. The purpose of extending the way leave facility on the National Highway ROW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.

2. No Licensee shall claim exclusive right on the ROW and any subsequent user will be permitted to use the ROW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.

3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.

4. The Licensee shall pay license fees @ Rs ...../sq m/month to the Authority. The License fee shall become payable from the date of handing over of Row land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.

5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @15% per annum compounded annually.

6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of ROW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.

7. The utility services shall be laid at the edge of the ROW. In case of restricted width of Row, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.

9. In exceptional cases, where Row is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.

10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for landscaped with required safety measures as directed by the concerned Authority;

11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.

12. Existing drainage structures shall not be allowed to carry the lines across.

13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at lease 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I

14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.

15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.

16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
    a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
    b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
    c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
    d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.

17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;

18. All required restoration works subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.

19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route metre / Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of

For SOLARCRAFT POWER INDIA 7 PRIVATE LIM

Authorized Signator

ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility;

21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.

22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities /underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.

23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.

24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.

25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.

27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.

28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.

29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate 'prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.

31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.

32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.

33. 33. During the subsistence of this Agreement, the utility services located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.

34. The Licensee shall bear the Stamp Duty charged on this Agreement.

35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.

36. The Licensee shall allow free access to the Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.

37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.

38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:

a. Operation, repair and maintenance guidelines given by the manufacturers,
b. the requirements of Law,
c. the physical conditions at the Site, and
d. The safety of operating personnel and human beings.

39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.

40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.

41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However, before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.

42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.

43. For PPP projects, in case any financial loss incurred by the respective project Concessionaries due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the

For SOLARCRAFT POWER INDIA 7 PRIVATE LIM

Authorized Signator

Licensee in mutual agreement with the respective project concessionaries. MoRT&H/NHAI/implementing authorities for the project shall not be liable to the concessionaire in any way in his regard
This agreement has been made in duplicate, each on a Stamp paper, each party to this Agreement has retained one stamped copy each.

IN WITNESS WHEREOF THE PARTIES HERETOHAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SELAED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY

BY SHRI.....
(Signature, Name & Address with stamp)

SIGNED ON BEHALF OF M/S ..... (LICENSEE) BY SHRI ..... (Signature, Name & Address with stamp)

HOLDER OF GENERAL POWER OF ATTORNEY ..... (DATED)

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. ..... DATED ..... PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON .....

IN PRESENCE OF (WITNESSES)

1. .....

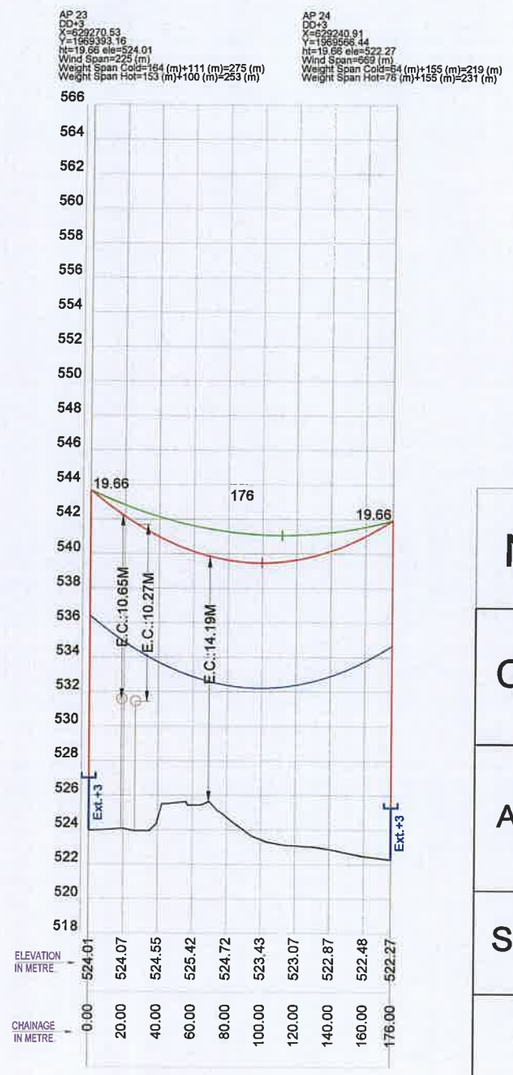
2. .....

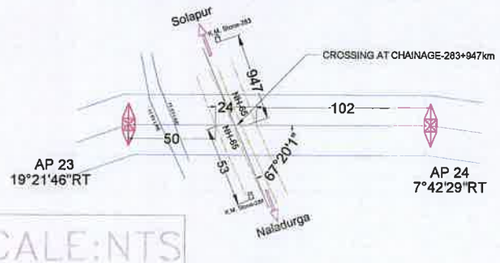
For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

Solarcraft Power India 7 Private Limited

220kV Single Circuit EHV line Overhead Crossing Proposal for NATIONAL HIGHWAY-65(Solapur to Naladurga)





SCALE:NTS

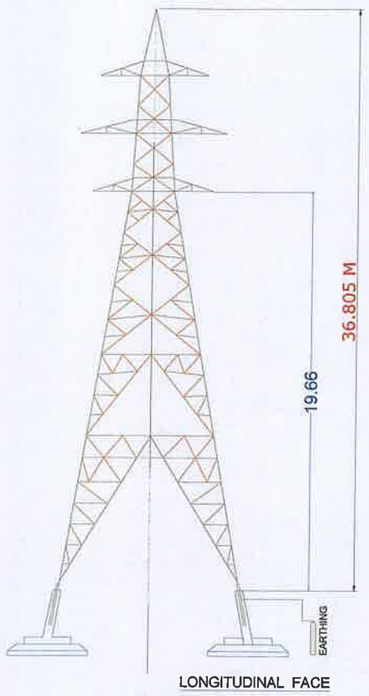
N.H. CROSSING PROPOSAL DRAWING

Client:	SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED	
Agency :	M/s ENERFRA PROJECTS INDIA PRIVATE LIMITED	
Submitted By:	Checked By:	Approved By:

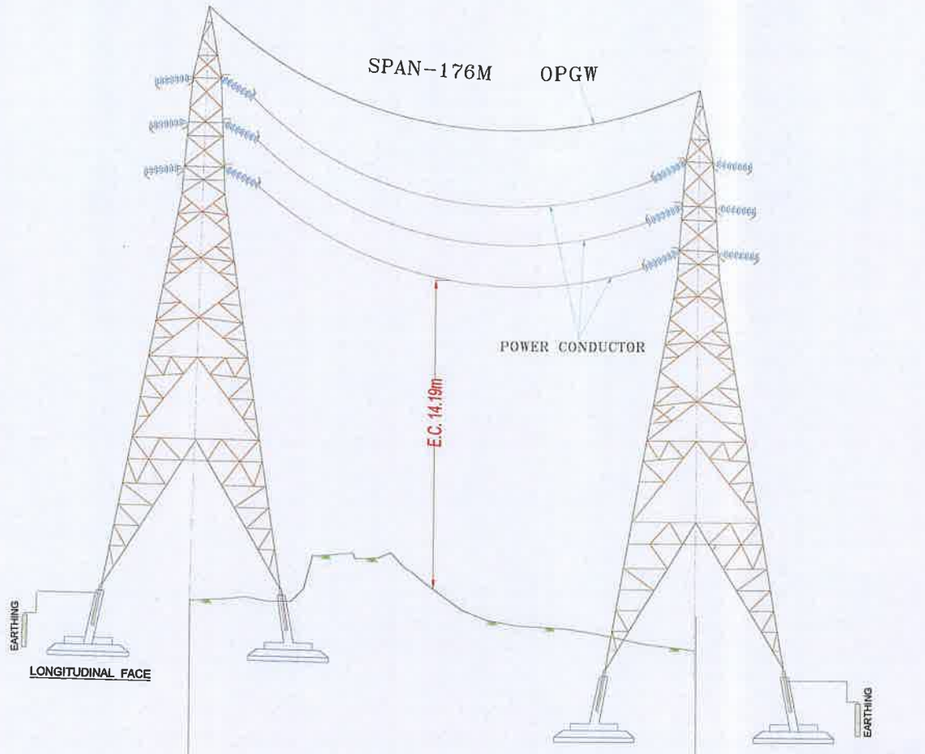
For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

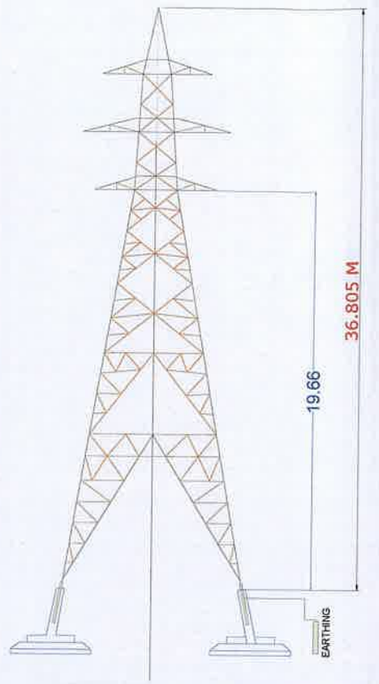
Authorized Signatory

220kV Single Circuit EHV line Overhead Crossing Proposal for NATIONAL HIGHWAY-65(Solapur to Naladurga)

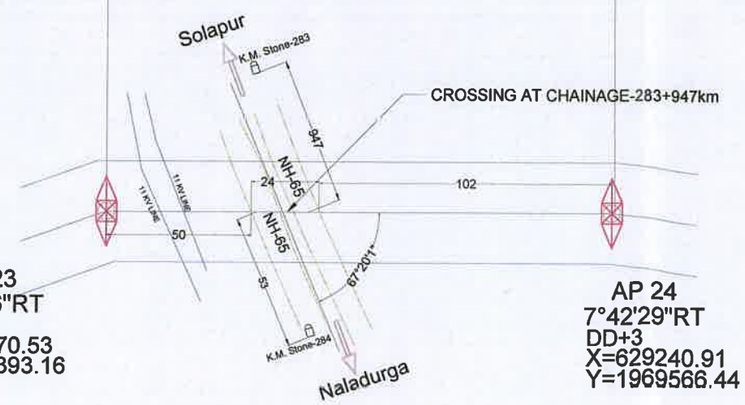


SCHEMATIC DIAGRAM OF TOWER TYPE DD + 3M EXTN.
220 KV DC TOWER, AP NO. AP-23
DIMENSION IN MTR.
(SCALE : NTS)





SCHEMATIC DIAGRAM OF TOWER TYPE DD + 3M EXTN.
220 KV DC TOWER, AP NO. AP-24
DIMENSION IN MTR.
(SCALE : NTS)



Clearence From 220 KV Power conductor to National Highway

1. Proposed 220 KV S/C Line on D/C tower bottom conductor Height at Crossing Point = 14.19m
2. NH to Proposed 220 KV S/C Line on D/C tower crossing Clarence=14.19m
3. Crossing Angle=67°20'1"
4. Sag calculation at 121°C
5. Span details-
   NH End to AP-23=50M & NH End to AP-24=102M

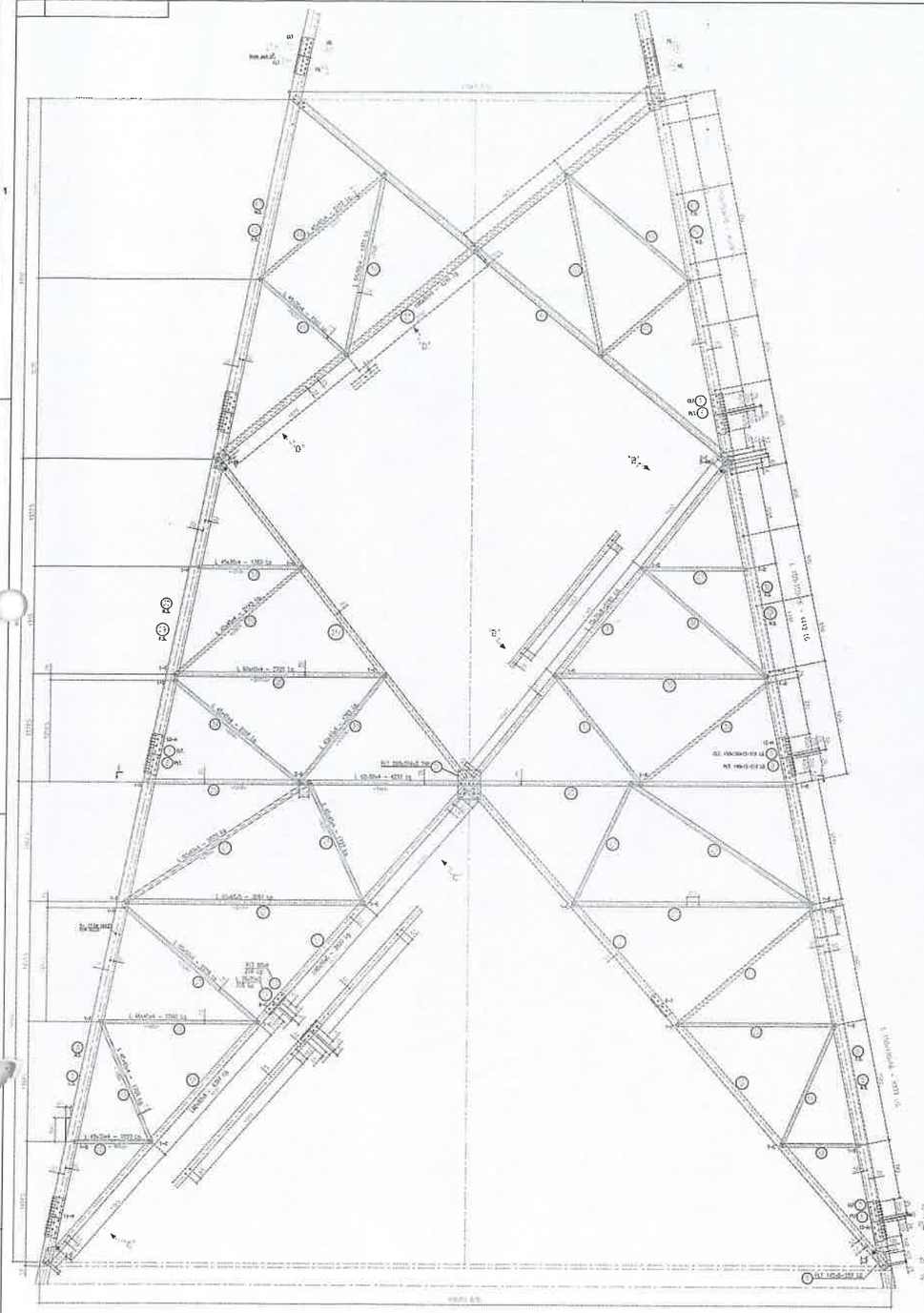
SCALE:NTS

N.H. CROSSING PROPOSAL DRAWING

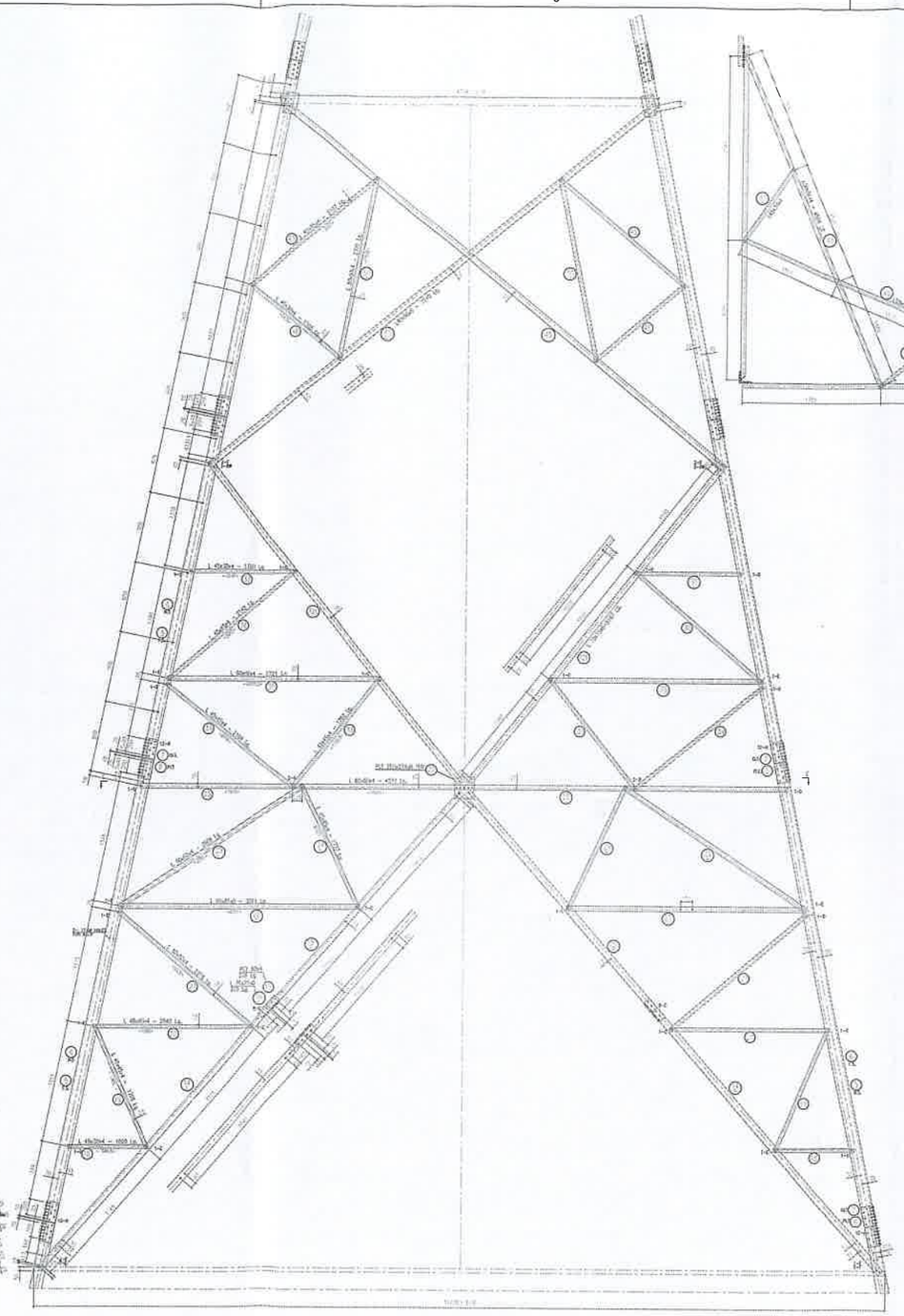
Client:	SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED	
Agency :	M/s ENERFRA PROJECTS INDIA PRIVATE LIMITED	
Submitted By:	Checked By:	Approved By:

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

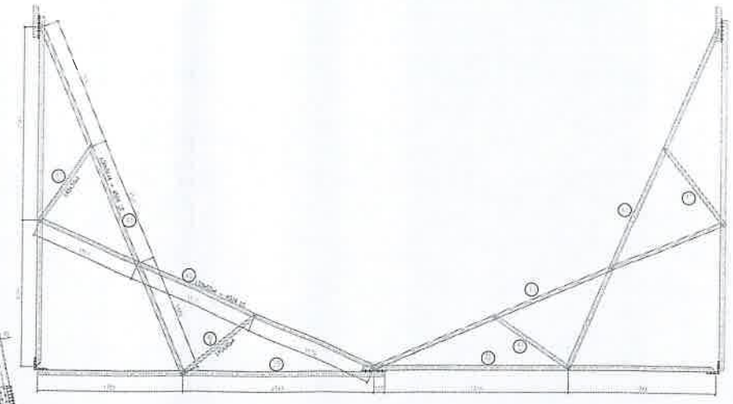
Authorized Signatory



TRANS.FACE



LONG.FACE



VIEW ON E-E

TOWER SLOPES	
VERTICAL SLOPES	
TANb	0.2094377
3 TANb	0.6283755
FACE	1.0216367
DEV	1.0429422
IN FACE SLOPES	
TANb	0.2049301
SECb	1.0207943

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

BOLTS AND NUTS REQUIREMENT		
TYPE	SIZE	QTY FOR 5.5T
A	Ø16 x 30 Lg.	-
B	Ø16 x 35 Lg.	52
C	Ø16 x 40 Lg.	152
D	Ø16 x 45 Lg.	92
E	Ø16 x 50 Lg.	60
F	Ø16 x 55 Lg.	54
G	Ø16 x 60 Lg.	20
H	Ø16 x 65 Lg.	206
I	Ø16 x 70 Lg.	2
STD. SP. WASHERS		779
Ø16 x 175 LONG STEP BOLTS		24
40 SQ. x 5THK PACK WASHERS		4
40 SQ. x 6THK PACK WASHERS		-
40 SQ. x 9THK PACK WASHERS		40
40 SQ. x 10THK PACK WASHERS		2

MARK Nos. 5 TO 50

DELETED MARK Nos. 51 TO 55 & 39

DO NOT SCALE THE DRAWING

GENERAL NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. ALL HOLES ARE ø17.5 FOR ø16 BOLTS IF NOT STATED.
3. ALL STEEL SHALL CONFORM TO I.S :2062-1992 GR A
4. ALL STEEL MEMBERS, BOLTS, NUTS AND WASHERS ARE TO BE HOT DIP GALVANISED
5. STD. SPRING WASHER TO BE SUPPLIED WITH EACH BOLT.
6. Min. ROLLED & CUT EDGE SECURITY SHALL BE 22 & 25 RESPECTIVELY FOR ø16 BOLT.
7. ALL ITEM Nos. ARE TO BE PREFIXED WITH LETTER ' D '
8. UNNOTED GUSSET PLATES ARE 6 Thk.
9. ALL BOLTS & NUTS CONFORMING TO IS:12427 (1988) WITH MECHANICAL PROPERTIES CLASS 5.6 FOR BOLTS AND CLASS 5 FOR NUTS AS PER IS:1367 (1967)
10. SPRING WASHERS SHALL CONFORM TO IS:3063 FOR DIM & IS:1573 FOR ELECTROPLATING GALVANISING SERVICE COND. 4

D

SYM	REVISIONS	REVD	CHKD	DATE

DESIGN BY	
DRAWN BY	
CHECKED BY	
APPROVED BY	

XYZ

SCALE 1:20 1:10

CLIENT : APTRANSCO

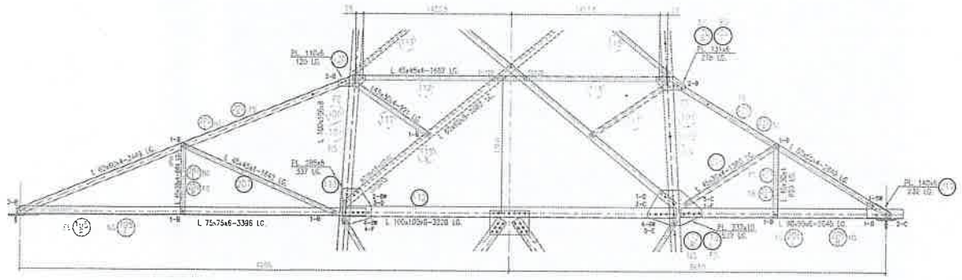
CUSTOMER :

PROJECT :

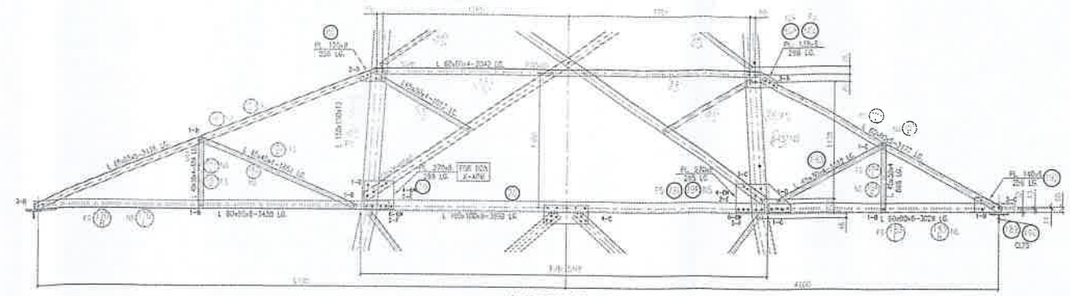
TITLE : 220 kV D/C TOWER TYPE "D" BOTTOM PART

JOB NO.	DRG. NO.	Sheet No. 1 of 4	REV.0

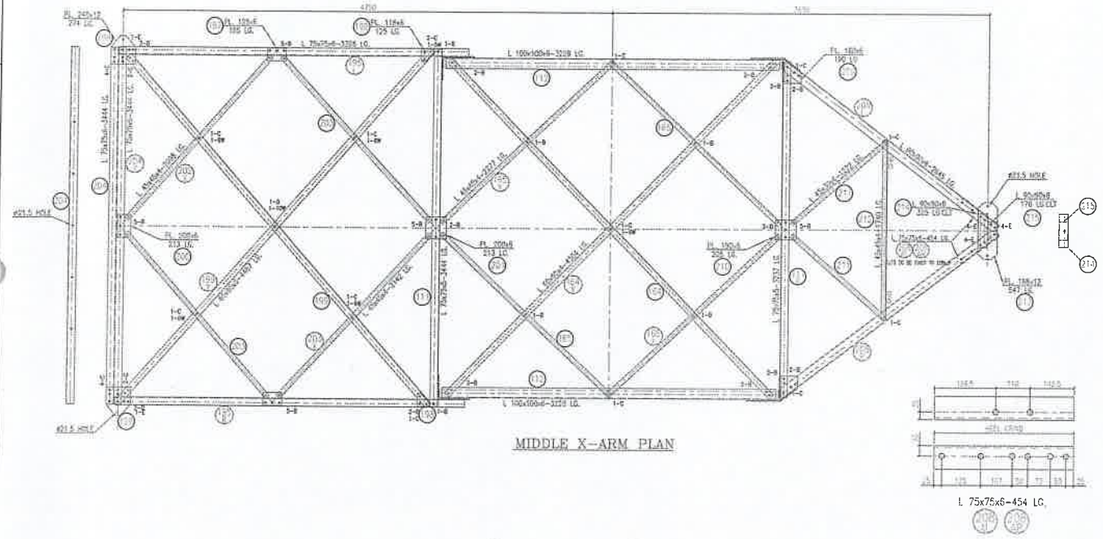
A0



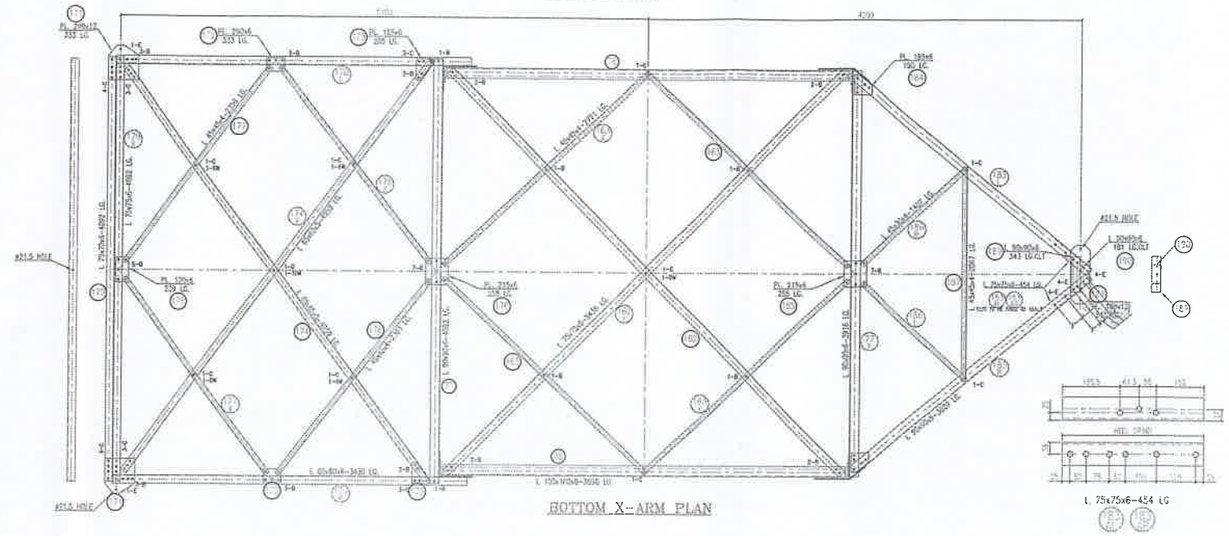
MIDDLE X-ARM



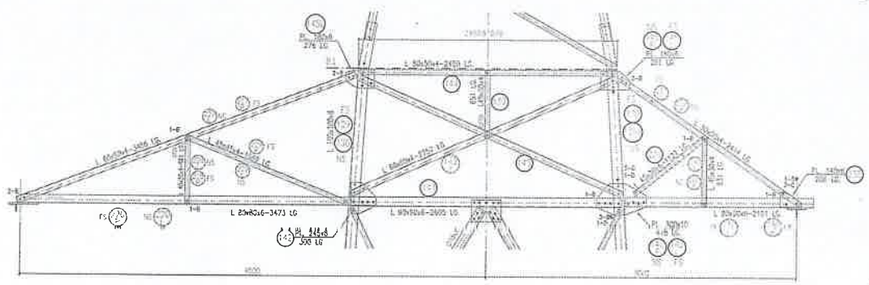
BOTTOM X-ARM



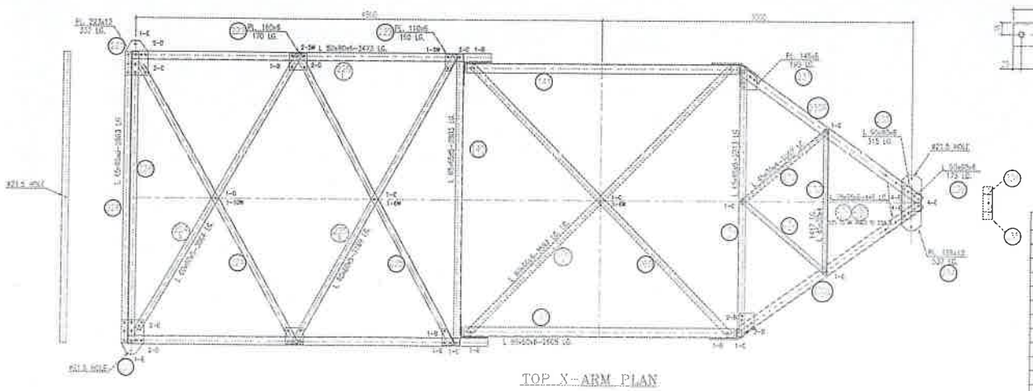
MIDDLE X-ARM PLAN



BOTTOM X-ARM PLAN



TOP X-ARM



TOP X-ARM PLAN

BOLTS AND NUTS REQUIREMENT		
TYPE	SIZE	QTY
A	Ø16 x 70 Lg.	-
B	Ø16 x 55 Lg.	206
C	Ø16 x 40 Lg.	123
D	Ø16 x 45 Lg.	47
E	Ø16 x 50 Lg.	55
F	Ø16 x 55 Lg.	34
G	Ø16 x 60 Lg.	6
STD SP. WASHERS		460
Ø16 x 125 LONG STEP BOLTS		-
40 SQ. x STRK PACK WASHERS		34
40 SQ. x STRK PACK WASHERS		44
40 SQ. x STRK PACK WASHERS		52
40 SQ. x STRK PACK WASHERS		2

MARK Nos. 77 TO 79L/R, 86, 86L/R, 145, 145L/R, 162 TO 166X
111 TO 113L/R, 170 TO 240, 120, 120L/R, 140 TO 142L/R

DELETED MARK Nos. 167 TO 169

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

DO NOT SCALE THE DRAWING

GENERAL NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. ALL HOLES ARE ø17.5 FOR ø16 BOLTS IF NOT STATED.
3. ALL STEEL SHALL CONFORM TO I.S :2062-1992 GR A
4. ALL STEEL MEMBERS, BOLTS, NUTS AND WASHERS ARE TO BE HOT DIP GALVANISED
5. STD. SPRING WASHER TO BE SUPPLIED WITH EACH BOLT.
6. Min. ROLLED & CUT EDGE SECURITY SHALL BE 22 & 25 RESPECTIVELY FOR ø16 BOLT.
7. ALL ITEM Nos. ARE TO BE PREFIXED WITH LETTER ' D '
8. UNNOTED GUSSET PLATES ARE 6 Thk.
9. ALL BOLTS & NUTS CONFORMING TO IS:12427 (1988) WITH MECHANICAL PROPERTIES CLASS 5.6 FOR BOLTS AND CLASS 5 FOR NUTS AS PER IS:1367 (1967)
10. SPRING WASHERS SHALL CONFORM TO IS:3063 FOR DIM & IS:1573 FOR ELECTROPLATING GALVANISING SERVICE COND. 4

D

SYM	REVISIONS	REVD	CHKD	DATE

DESIGN BY		SCALE	1:20 1:10
DRAWN BY			
CHECKED BY			
APPROVED BY			

XYZ

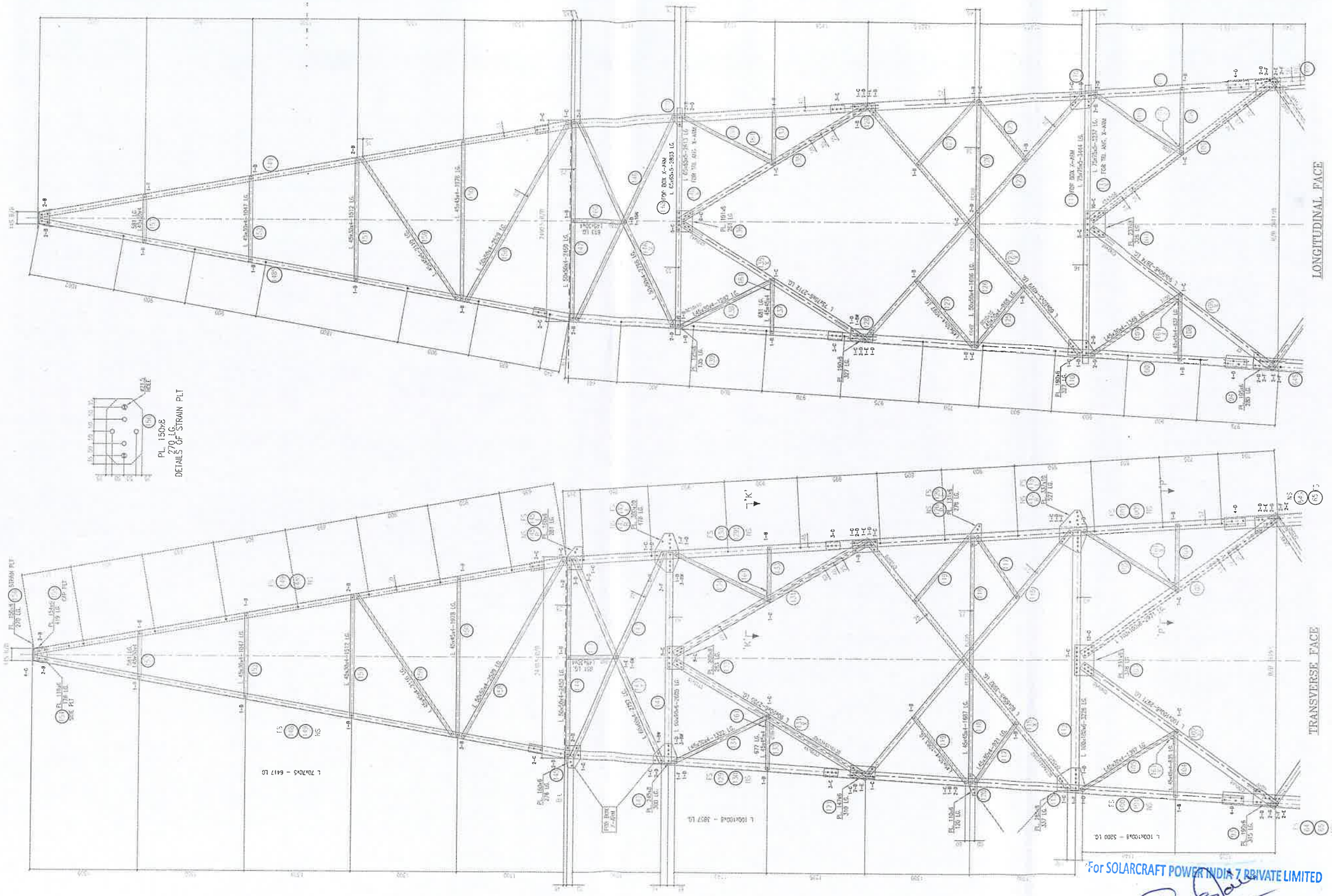
CLIENT : APTRANSCO

CUSTOMER :

PROJECT :

TITLE : 220 kV D/C TOWER TYPE "D" X-ARMS

JOB NO.	DRG. NO.	Sheet No. 4 of 4	REV.0



CAGE SLOPES	
VERTICAL SLOPES	
TANb	0.061674
2 TANb	0.123348
FACE	1.0019
DEV	1.0037965
IN FACE SLOPES	
TANb	0.061557
SECb	1.0018929

PEAK SLOPES	
VERTICAL SLOPES	
TANb	0.17903384
2 TANb	0.3580769
FACE	1.015901
DEV	1.0315568

DO NOT SCALE THE DRAWING

GENERAL NOTES:-

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3. ALL STEEL SHALL CONFORM TO I.S :2062-1992 GR A
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5. STD. SPRING WASHER TO BE SUPPLIED WITH EACH BOLT.
6. Min. ROLLED & CUT EDGE SECURITY SHALL BE 22 & 25 RESPECTIVELY FOR ø16 BOLT.
7. ALL ITEM Nos. ARE TO BE PREFIXED WITH LETTER ' D '
8. UNNOTED GUSSET PLATES ARE 6 Thk.
9. ALL BOLTS & NUTS CONFORMING TO IS:12427 (1988) WITH MECHANICAL PROPERTIES CLASS 5.6 FOR BOLTS AND CLASS 5 FOR NUTS AS PER IS:1367 (1967)
10. SPRING WASHERS SHALL CONFORM TO IS:3063 FOR DIM & IS:1573 FOR ELECTROPLATING GALVANISING SERVICE COND. 4

FOR CAGE & VIEW B-B, C-C & D-D FOR TOWER TYPE 'D' AND 'DE'

BOLTS AND NUTS REQUIREMENT

TYPE	SIZE	QTY
B	(16 x 25 Lg.	824
C	(16 x 40 Lg.	246
D	(16 x 45 Lg.	122
E	(16 x 50 Lg.	32
F	(16 x 55 Lg.	8
G	(16 x 60 Lg.	16
STD. SP. WASHERS		276
(16 x 175 LONG STEP BOLTS		32
40 SQ. x 4THK PACK WASHERS		8
40 SQ. x 6THK PACK WASHERS		32
40 SQ. x 8THK PACK WASHERS		8
40 SQ. x 10THK PACK WASHERS		8

MARK Nos. 100 TO 161X

MARK Nos. DELETED 114, 116

SYM	REVISIONS	REVD	CHKD	DATE

DESIGN BY	
DRAWN BY	
CHECKED BY	
APPROVED BY	

XYZ

SCALE: 1:20, 1:10

CLIENT : APTRANSCO

CUSTOMER :

PROJECT :

TITLE : 220 kV D/C TOWER TYPE "D"
CAGE AND PEAK LEVEL FOR TOWER TYPE "D" & "DE"

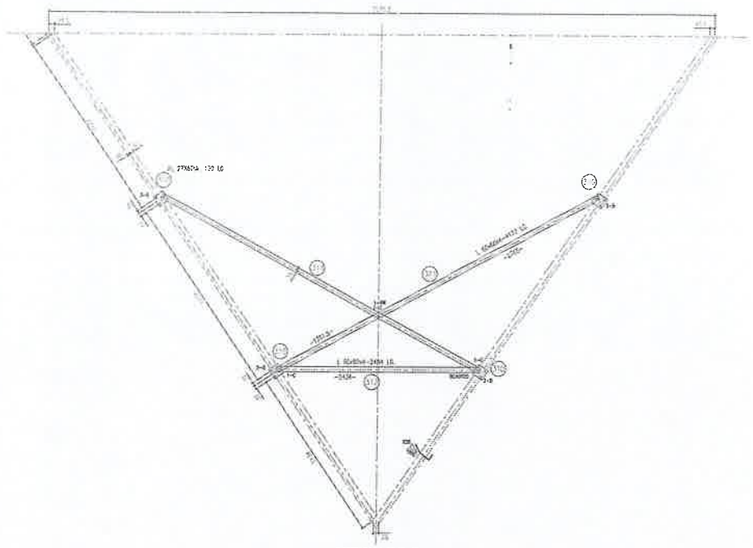
JOB NO.	DRG. NO.	Sheet No. 3 of 4	REV.0

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

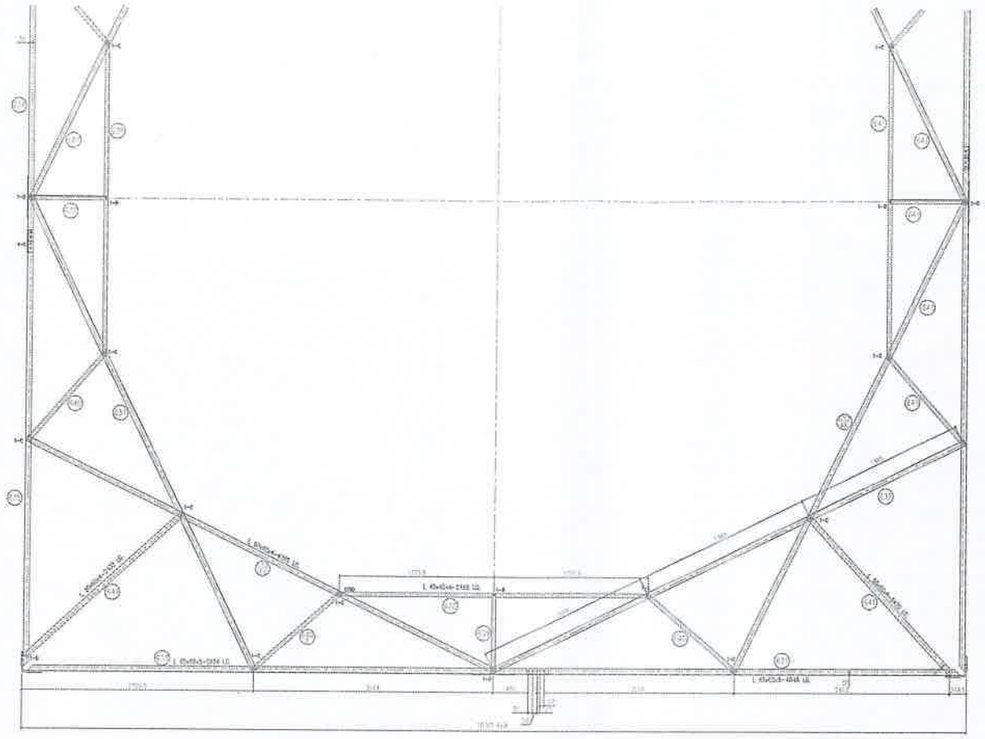
Authorized Signatory

D

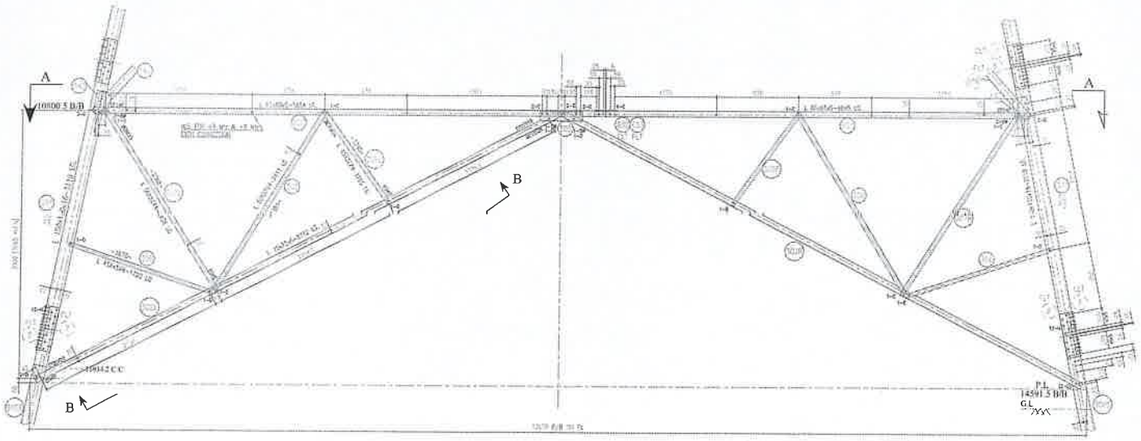
TOWER SLOPES	
VERTICAL SLOPES	
TANb	0.2094377
2 TANb	0.4188755
FACE	1.0219957
DEV	1.0428422
IN FACE SLOPES	
TANb	0.2049901
SECb	1.0207943



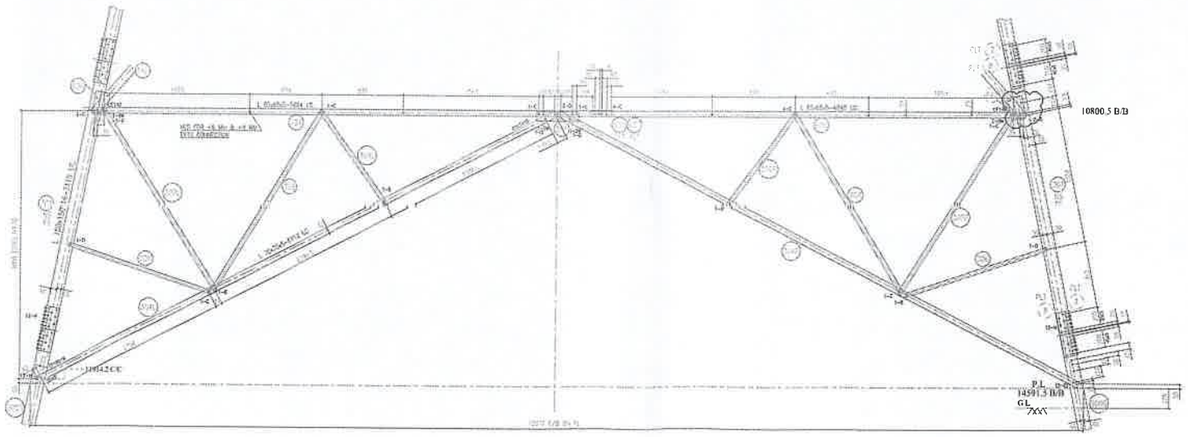
VIEW AT B-B



VIEW ON 'A-A'



TRANS. FACE



LONG. FACE

LIST OF 16mm# BOLTS,NUTS AND WASHERS		
Type	SIZE	QTY. (Nos)
A	M16x30 LG. BOLT	–
B	M16x35 LG. BOLT	64
C	M16x40 LG. BOLT	92
D	M16x45 LG. BOLT	36
E	M16x50 LG. BOLT	–
F	M16x55 LG. BOLT	–
G	M16x60 LG. BOLT	24
H	M16x65 LG. BOLT	96
	3.5 THK SP. WASHER	312
	5THK 40SQ. Pack Washer	16
	6THK 40SQ. Pack Washer	4
	8THK 40SQ. Pack Washer	16

DO NOT SCALE THE DRAWING

GENERAL NOTES:–

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MARK Nos. 7,8,630 TO 642, 301 TO 312

For SOLARCRAFT POWER INDIA 7 PRIVATE LIMITED

Authorized Signatory

D

SYM	REVISIONS	REVD	CHKD	DATE

DESIGN BY		SCALE	1:20 1:10
DRAWN BY			
CHECKED BY			
APPROVED BY			

CLIENT : APTRANSCO

CUSTOMER :

PROJECT :

TITLE : 220 kV D/C TOWER TYPE "D" +3.0M EXTN.

JOB NO.	DRG. NO.	Sheet No. 1 of 1	REV.0