

**(TENDER NOTIFICATION)**

**INVITATION FOR TENDER(THROUGH E – PROCUREMENT ONLY)**

As per the Karnataka Transparency in Public Procurements Act, 1999, tenders are invited for the SUPPLY AND INSTALLATION OF SOLAR ROOFTOP PROJECT FOR TUMCOS AT CHANNAGIRI.

Tender Number	TUMCOSL/2025-26/IND0005
Tender Title	Tenders For SUPPLY AND INSTALLATION OF SOLAR ROOFTOP PROJECT FOR TUMCOS SUPER MARKET AT CHANNAGIRI.
Description	SUPPLY AND INSTALLATION OF SOLAR ROOFTOP PROJECT FOR TUMCOS SUPER MARKET AT CHANNAGIRI .
Tender category	SUPPLY AND INSTALLATION OF SOLAR ROOFTOP PROJECT FOR TUMCOS SUPER MARKET AT CHANNAGIRI.
Type of Quotation	Mandatory
Tender Evaluation type	Two cover system
Company	TUMCOS, CHANNAGIRI
Bid validity Period	90 days
Tender type	Open
Address	Head Office : Tumcos ltd, apmc yard, Channagiri-577213 TUMCOS SUPER MARKET : Tumcos super market, opp main bus stop, Channagiri-577213

Calendar of events		
1	Tender Call date	22/07/2025
2	Last Date for Uploading the Filled Tender Document: (Receipt of Tender)	06/08/2025 Time: 16:00:00
3	Time and Date of Opening of Technical Bid	07/08/2025 Time :17:00:00
4	Time and Date of Opening of Financial Bid	08/08/2025 Time :17:05:00
5	Place of Opening	TUMCOS LTD, CHANNAGIRI
6	Contact person	Managing Director, TUMCOS LTD, CHANNAGIRI. Mob-9742263456
7	For more details	www.tumcos.com

## GENERAL CONDITIONS

1. TUMCOS, Channagiri invites SUPPLY AND INSTALLATION OF SOLAR ROOFTOP PROJECT FOR TUMCOS SUPER MARKET AT CHANNAGIRI, from eligible Tenderers for as detailed in the Table given below.
2. Tender Documents may be downloaded from Government of Karnataka e – Procurement website <https://eproc.karnataka.gov.in>. After login to Bidders, please scroll down to the right side bottom to see List of Tenders, please click there to find the Details of NIT and download copy of the Tender. The Tender can be downloaded in the Portal as per the prescribed Date and Time published in the Portal. Only interested Tenderers who wish to participate shall remit online Transaction Fee for the Tender after registering in the Portal. The Transaction Fee is non – refundable.
3. Tenders must be accompanied by **Earnest Money Deposit (EMD) of rupees 1,00,000/-** , which shall be paid online through e – Procurement Portal using any of the following Payment Modes: Credit Card, Direct Debit, National Electronic Fund Transfer (NEFT), and Over the Counter (OTC).
4. Tenders must be electronically submitted (online through Internet) within the Date and Time published in e – Procurement Portal. Technical Bid Cover of the Tender will be opened at the prescribed time and date as mentioned in the e – Procurement Portal in the presence of the Tenderers who wish to attend at the **Office of the TUMCOS, Channagiri**.

### Terms and Conditions.

1. The successful Tenderer shall enter into the agreement with TUMCOS LTD, Channagiri within seven days of receipt of intimation. The tender document will form the part and parcel of the agreement.
2. The TUMCOS, Channagiri reserves the right to reject any or all of the Tenders without thereby incurring any Liability or Obligation to inform the tenderers of the reasons for such action.
3. The Tenderer need to use as per prescribed specification.
4. The Tender will remain valid for a period of 30 days from the date of execution of agreement.
5. Interested Tenderers are suggested to visit the work locations and get required site information's.
6. Interested Eligible Tenderers may obtain further information at Managing Director, TUMCOS, Channagiri, Davanagere -577213 and [www.tumcos.com](http://www.tumcos.com)
7. All the Participants shall produce all the original documents for verification whenever necessary.
8. Tender document shall be submitted in the prescribed format after downloading the same from E-procurement portals.
9. Minimum free service period 1 year for the project.

10. Notwithstanding anything contained in KTPP Act 2000 and rules, the society reserves the right to modify the quantity or cancel the whole tender.
11. Tenderer should submit the quality certificate for the items which is used for the project.
12. Tenderer should use the approved material makes for the items which is used for the project (makes of materials listed separately).
13. Tenderer should obligate to the decision taken by the Tumcos on behalf of the solar roof top works.
14. Filled in applications shall be submitted through On-line within the dates specified.
15. Lowest bidder with suitable specifications will be evaluated as per KTPP Act 2000 and also keeping in view with the expertise, past experience, financial stability, track record of the firm and such other incidental information.
16. Conditional Tenders will not be accepted.
17. The Tender Notification along with Blank Tender Form will be accessible in the E – Procurement Website ([www.eproc.karnataka.gov.in](http://www.eproc.karnataka.gov.in)).
18. Any violation of tender norms may lead to blacklisting of the firm by the department for 3 years.
19. **The Tenderer need to fill annexure-1 compulsory** otherwise TUMCOS, Channagiri reserves the right to reject, at its sole discretion, any or all evaluated Price bids and if necessary, call for submission of new price Bids.
20. **APPLICABLE LICENCES/ APPROVALS:** The bidders / the principal company should have all the appropriate licenses/ approvals from competent authority the same will be delivered to TUMCOS, Channagiri.
21. The amendments will be notified on E-procurement website: <https://eproc.karnataka.gov.in>. These amendment(s)/ clarification(s)/ corrigendum(s) will be binding on all bidders.
22. **VALIDITY PERIOD OF BID:** Bid shall remain valid for 90 days after the issue of notification.
23. **TIME PERIOD FOR SOLAR ROOFTOP WORKS:** Tenderer should complete the work within 45 days (including rainy season) from the date of work order issue.
24. **WITHDRAWAL OF BIDS:** A bidder may withdraw his bid provided that written notice of withdrawal is received by the Committee has prior to the deadline prescribed for submission of bids.
25. TUMCOS, Channagiri shall have the sole discretion in deciding the number of parties on whom the orders shall be finally placed.
26. TUMCOS, Channagiri reserves the right to reject, at its sole discretion, any or all evaluated Price bids and if necessary, call for submission of new price Bids.
27. **Committee has RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS:** The Committee has does not bind himself to accept lowest or any other tender/bid and has the right to cancel the bidding process and reject all bids at any time prior to award of the contract without assigning any reasons whatsoever and without thereby incurring any liability to the affected bidders on the grounds for the Committee has's action.
28. **ARBITRATION:** In the event of any dispute arising between TUMCOS, Channagiri and the Bidder in any matter covered by this contract or arising directly or indirectly there from or

connected or concerned with the said contract in any manner of the implementation of any terms and conditions of the said contract, the matter shall be referred to the Managing Director, TUMCOS, Channagiri who may himself act as sole arbitrator or may name as sole arbitrator an officer TUMCOS, Channagiri or any other person notwithstanding the fact that such officer or person has been directly or indirectly associated with this contract and the provisions of the Indian Arbitration Conciliation Act, 1996 shall apply to such arbitration. The Bidder expressly agrees that the arbitration proceedings shall be held at TUMCOS, Channagiri.

The proceedings of arbitration shall be in English/Kannada language. In case the Bidder wants to take the dispute to a court of law after arbitration award as aforesaid, it is clearly understood that only courts in Channagiri shall have the Jurisdiction.

29. The TUMCOS reserves right to ADDENDUM/CORRIGANDUM in eportal.

30. **Interested Tenderers are suggested to visit the work locations and get required site information's.**

31. **Select only Tumcos Approved makes for project and Tumcos Approved makes are listed in tender document.**

32. BESCO approvals and PPA agreements, solar system commissioning from competent authority are under Tenderer/supplier scope. (Net Meter application and approval, ppa)

**Note:**

Address :	<u>Head Office</u> : Tumcos ltd, apmc yard, Channagiri-577213 <u>Channagiri</u> : Tumcos ltd, opp main bus stop, Channagiri-577213
For more details	<a href="http://www.tumcos.com">www.tumcos.com</a>
Contact person	Managing Director, TUMCOS LTD, CHANNAGIRI. Mob-9742263456, 9663743227

## Tender Pre-Conditions –

1. Bidder must have a minimum turnover of more than ₹3 Crores in the previous year
2. Bidder must be local. Bidder must have developed a minimum of 250kW solar rooftop project locally in the state of Karnataka.
3. Bidder must be experienced in large scale projects.
4. Bidder must be in business for at least 5 Plus years in solar projects
5. Bidder must provide self-declaration certificate of no Blacklisting from State and Central Govt. Agencies

## Payment Terms –

1. 10% advance on submission of Bank Guarantee for 10% of contract value (including GST value)
2. 50% on receipt of solar panels and inverters
3. 25% after project installation
4. 15% after project commissioning (generation of power and BESCOM approvals).

## Other T&Cs –

1. Bank Guarantee to be submitted for advance within 7 working days of contract. If bidder fails to furnish BG, contract will be cancelled.
2. Bank Guarantee to be returned with no claim letter on commissioning
3. Approved vendors' list to be strictly followed. No deviation accepted, until otherwise approved by TUMCOS.
4. Minimum One year of free service is in bidders' scope.
5. Plumbing for cleaning purposes is in TUMCOS scope
6. WiFi for online monitoring is in TUMCOS scope

## Documents list for tender –

1. Balance Sheet and Profit & Loss with ITR for 3 previous years certified by CA.
2. Gst certificate and PAN details and Bank detail.
3. Company profile and contact details.
4. Commissioning certificate for single 250kW solar rooftop project in Karnataka.
5. Proof of large scale projects, at least 300kw, in single location.
6. Agreement for support for of free service and after 9 years of paid service.

## Warranty –

- 1 Solar Panels - Warranty for a period of 25 years with 10% performance degradation in first 10 years and another 10% performance degradation in next 15 years as per MNRE regulations
- 2 Inverter – Warranty for a period of 5 years
- 3 Minimum warranty period of 1 year for all other equipments
- 4 Minimum free service period 1 year for the project.

**Note: 1. for more information please visit [www.tumcos.com](http://www.tumcos.com)**

## 1.TUMCOS Supermarket, Channagiri.

Following Details are noted –

SI No	Details		
1.	Sanctioned Load	150KVA	As actuals
2.	Solar Capacity Allowed	127 kW	as per KERC Regulations
3.	EXISTING Solar Capacity	127 kW	
4.	Solar Capacity tendered for	250 KW	
5.	Area Available	16,000 sq. ft	4 <sup>TH</sup> FLOOR ROOF
6.	Recommended capacity	250 kW	
7.	PPA Term	25 years	With BESCO

EXISTING SOLAR SYSTEM DETAILS : –

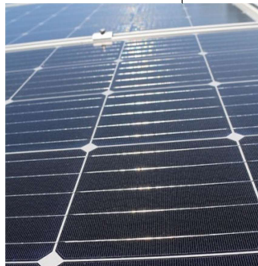
SI No.	Item	Description
1	Solar Panels	SWELECT .590kwp
2	Inverter	SUNGROW 33kw
3	Inverter	SUNGROW 110KW

## Annexure-i

PROJECT : PROPOSED SUPER MARKET FOR TUMCOS AT CHANNAGIRI			
BILL OF MATERIALS FOR			
SOLAR FOR POWER GENERATION			
SUMMARY			


SECTION	DESCRIPTION	SUPPLY AMOUNT	INSTALLATION AMOUNT
A	SOLAR PANELS		
B	INVERTER		
C	CABLES & JUNCTION BOXES		
D	EARTHINGS		
	GST.....%	-	
	GRAND TOTAL	-	

**Amount In words:**

SOLAR POWER - BILL OF MATERIALS								
S No	Description	Unit	Qty	MAKE	Rate		Amount	
					Supply	Erection	Supply	Erection
	<b>NOTE :</b>							
1.0	THE SUPPLIER OF SOLAR SYSTEM DOING THE SITE VISIT IS MANDATORY.							
2.0	THE SUPPLIER SHALL TAKE INPUTS OF SITE CONDITIONS ON PRESENT BESCOM CONNECTIONS.							
3.0	THE SUPPLIER SHALL TAKE INPUT ON THE SANCTION LOAD, EXISTING SOLAR PANEL INSTALLATION OF 127kW,							
4.0	THE SUPPLIER SHALL CHECK FOR MAXIMUM CAPACITY OF POWER GENERATION							
<b>A</b>	<b>SOLAR PANELS</b>							
1	Supply, installation, testing & commissioning of Solar PV panels of bifacial below mentioned solar panels for high generation capacity. The capacity shall be maximum for a roof top area of approx 15500 sft. The panel shall have to be erected on 4th floor roof which would be PEB structure with corrugated sheet roof. The height from the side road would be approx 19m from road level.	kW	250					
a	TOPCON 595wp or							
b	TOPCON 610wp or							
c	TOPCON 725wp or							
	The cost shall include below mentioned scope of							



	getting approval from local EB							
	Makes : TATA / Vikram / Renewsys / Swelect / Pahal / Emmvee / Adani/Waree							
	<p>Approval</p> <p>The entire BESCO ( <b>which ever company related</b> ) net-metering approval and commissioning of the system as per KERC/BESCO grid and safety code and getting certification to operate</p> <ul style="list-style-type: none"> <li>•On line application for net-metering system</li> <li>•Technical Feasibility &amp; issuance of Letter of Approval</li> <li>•Execution of PPA</li> <li>•Submission for approval of the PPA to the BESCO ( which ever company related )</li> <li>•Submission of Work Completion Report (Work completed/synchronization done to meet the grid code and safety standard as per KERC/BESCO regulations)( which ever company related )</li> <li>•Inspection by BESCO ( which ever company related ) officials for commissioning the net-metering project (as required by their grid &amp; safety code &amp; meeting any other requirement) and certification/approval for operation</li> </ul>							
<b>B</b>	<b>SOLAR INVERTERS</b>							

2	Supply, installation, testing & commissioning of suitable capacity solar inverter to convert DC power generated by solar panels to AC output. To be connected to internet to monitor energy generated. Make : Sungrow / SMA solar / Growatt / equivalent	Nos	1					
	Inverters complying with the latest safety standards in the Industry such as VDE-AR-N 4105; VDE 0126-1-1 ; EN 61000-6-2; EN 61000-6-4 ; IEC 62109-1/-2 ; IEC 61683: 1999 ; IEC 60068-2-1; IEC 60068-2-2; IEC 60068-2-14; IEC 60068-2-30; IEC 60068-2-6; IEC 60068-2-21; IEC 60068-2-78 (As Per MNRE/SECI Requirement) ; IEC 60529							
	Inverter shall have in-built protection such as AC/DC Disconnection switch; Ground Fault monitoring ; DC Reverse Polarity Protection ; DC and AC Over voltage protection / Current Limitation protection and short circuit protection ; DC String Fuse and Surge protection.							
<b>C</b>	<b>CABLES &amp; JUNCTION BOXES</b>							
3	Supply, installation, testing & commissioning of cables DCDB or AJB is used to monitor and isolate, For above capacity Solar Plant - 3 phase- the junction boxes should consist of a MCB (Over ampere protection) and a SPD (Over voltage protection) in both the junction boxes. For AC cable of diameter, accurate	Set	1					

	calculations must be made according to the inverter / inverters used and the distance from the inverter output to the distribution box. DC cables on the DC side and AC cables on the output side to be considered. The cable size and lengths to be mentioned during the quote. The cables shall be fire retardant ( FRLS )							
	Makes : Poly Cab / KEI / Havells							
<b>D</b>	<b>EARTHING &amp; BoS</b>							
4	Supply, installation, testing & commissioning of Earth Pits - Copper earth pits for the AC side and DC side and also for lightning arrestor. The earthing shall consist of 20mm diameter and 2 meter long copper bonded electrode. The cost shall include the Balance of System consists of all the accessories like solar plant structure, thimbles or lugs, ferrules, MC4 connectors, saddles, etc. 5 nos. earth pits and connecting copper wiring shall be considered.	Set	1					
	<b>CGST.....%</b>							
	<b>SGST.....%</b>							
	<b>GRAND TOTAL</b>							