



RAJASTHAN STATE MINES & MINERALS LTD.

(A Government of Rajasthan Enterprise)

SBU & PC – Limestone

8, West Patel Nagar, Circuit House Road, Dist. Jodhpur (Rajasthan)-342011

Phone: 0291-2511031 Fax: 0291-2511029

Website: www.rsmm.com, e-mail: rsmmjodhpur@rsmm.com;

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TENDER DESCRIPTION	PURCHASE OF 1 No. 33/0.440KV POWER TRANSFORMER
TENDER No. & Date	RSMM/SBU&PC-LS/GGM(LS)/Cont.-09/14-15 Dated 25.02.15
Place of Sale & Address For Submission of Tender Document	R. S. M. M. Ltd., 8, West Patel Nagar, Circuit House Road, Dist. Jodhpur (Rajasthan),342011
Period of Sale of Tender Document	From 03.03.15 To 18.03.15
Date Of Pre bid meeting	11.03.15
Due Date And Time For Submission of Tenders	Up to 3.00 PM ON Dt.18.03.15
Due Date & Time For Opening Of Tender,Part-I	On Dt 18.03.15 At 3.30 PM
Place of Opening	R. S. M. M. Ltd., 8, West Patel Nagar, Circuit House Road, Dist. Jodhpur- (Rajasthan),342011
Cost of Tender Documents	Rs. 1140/- (Inclusive VAT)
Type Of Tender	Two Bid: Part-I: Techno Commercial Part-II: Price Bid

TIN NO. CST 08693902289/RST 08693902289



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RSMM TENDER DOCUMENTS CONSIST OF FOLLOWING:

Section - I	Instruction for preparation & submission of tender
Section -II	Technical Specifications & Scope of Supply
Section - III	Special Terms & Conditions of Contract
Annexure-I	Acceptance to the technical specification
Annexure – II	General profile of tenderer
Annexure – III	Registration details under Micro, Small & Medium Enterprises Development Act, 2006.
Annexure – IV	Exceptions & Deviation.
Annexure – V	Acceptance of all terms and conditions of the tender and no condition is mentioned in price bid.
Annexure – VI	Undertaking that tenderer has not been debarred/suspended by RSMML in past.
Annexure – VII	Declaration by the Tenderer.
Annexure – VIII	Details of commercial terms & conditions
Annexure-IX	Compliance with the code of Integrity and No conflict of interest.
Annexure-X	Declaration by the bidder regarding qualifications.
Annexure-XI	Grievance Redressal during Procurement Process.
Annexure-XII	Additional Conditions of Contract.
Annexure-XIII	Manufacturer's Guaranteed Technical Particulars
Annexure-XIV	Rate Schedule (Price-Bid)

SECTION- I: INSTRUCTION FOR PREPARATION & SUBMISSION OF TENDER

1. Each page of copy of tender document should be sealed & signed as a token of acceptance of its terms and conditions and should be furnished along-with part -I of tender (no page should be detached).
2. Tender must be submitted in two parts i.e. Techno - Commercial (Part – I) and Price Bid (Part –II). The tender should be packed in four sealed envelopes as elaborated below:
 - a. Envelop No. 1:- This envelop should contain DD/PO towards the tender document fee (incase the tender document has been downloaded from the website of RSMML or the copy of cash receipt (incase the tender document has been purchased from the office of C. A. O., SBU-PC (LS), Jodhpur Office and DD/PO towards requisite BID SECURITY as per provisions mentioned in the tender document. This sealed envelope should be subscribed 'Tender Document Fee & Bid Security of Tender No (as mentioned above) at the top of envelop.
 - b. Envelop No. 2 : This envelop should contain Part –I: Techno-Commercial BID along-with all supporting documents (except the tender document fee, BID SECURITY & Price Bid) as asked in the tender document. This sealed envelope should be Super scribed Part – I of tender No (as mentioned above).
 - c. Envelop No. 3 i.e. Part-II (PRICE BID): This envelop should contain only Price Part as per provisions mentioned in the tender. The sealed envelope should be super scribed PART – II (Price Part) of Tender No. (as mentioned above). No condition should be stipulated in this part, if mentioned any by tenderer, shall be ignored.
 - d. Envelop No. 4: The above three sealed envelopes should be packed in another sufficiently large envelop to enable it to be opened without tearing the inner sealed envelopes. The outer cover should bear address of RSMM who has invited tender and super-scribed there on Tender No (as mentioned above) and the details of above mentioned three envelopes.
3. In compliance to the Rajasthan Transparency in Public Procurement Act, 2012 and Rajasthan Transparency in Public Procurement Rule, 2013, following Annexure are enclosed and tenderers are required to furnish duly filled, sealed and signed copies of these Annexure along-with Part-I of offer.
 - Annexure-IX: Compliance with the Code of Integrity and No Conflict of Interest.
 - Annexure-X: Declaration by the Bidder regarding Qualifications.
 - Annexure-XI: Grievance Redressal during Procurement Process and Form No.1.
 - Annexure-XII: Additional Conditions of Contract.
4. The tenderer/bidder would give a declaration that they have not been banned/suspended or de-listed by RSMML or any other state Govt/ Semi Govt./ Central Govt. agencies. If this declaration is not given, the bid will be rejected as non responsive
5. **SALE OF TENDER:** The tender document (non-transferable) can be obtained from the office of C. A. O., SBU-PC (LS), 8, West Patel Nagar, Circuit House Road, Dist. Jodhpur on payment of applicable non-refundable tender fee of by Cash/Demand Draft/Pay-Order in favor of RSMML payable at Jodhpur. Alternately interested tenderer(s) may directly download the tender document from website www.rsmm.com/ www.sppp.rajasthan.gov.in and furnish their offer along with requisite tender document fee in a sealed envelope as prescribed at clause no. 2(a) of Section-I.

6. SUBMISSION & OPENING OF TENDER:

- a. The submission and delivery of tenders within the specified date and time will be the sole responsibility of the Tenderer.
- b. Tender should be submitted before due date & time at RSMMLtd., SBU-PC (LS), 8, West Patel Nagar, Circuit House Road, Dist. Jodhpur-342001(Raj.).
- c. Place of opening of Tender: Part (I) of the tender would be opened on the due date & time at the office of Advisor & Head, SBU-PC (LS), 8, West Patel Nagar, Circuit House Road, Dist. Jodhpur-342001(Raj.) and Part (II) i.e. price bids of the qualified bidders would be opened later which would be informed to qualified bidders separately.
- d. Tenders will be opened on the fixed date and time in the presence of Tenderer or their authorized representative who may wish to be present at the opening of the tender at the place, time and date as specified in the schedule. In case the date of opening of tenders happens to be a holiday, the tenders shall be opened on the next working day at prescribed time.

7. DELIVERY OF TENDER: The submission and delivery of tenders within the specified date and time will be the sole responsibility of the Tenderer. In case the date of submission/opening of tender happens to be a holiday, than tenders shall be submitted/opened on the next full working day up to/at prescribed time.

- a. Delayed Tender: Tenders received after specified time & date of submission but before specified time & date of opening of part-I of the tender will be treated as delayed tender.
- b. Late Tender: The tenders received after specified due date & time of opening of tender will be treated as late tender and will not be considered at all.
- c. RSMML will not be responsible for any delay in delivery of the tenders received through post/speed post/courier/personal or any other means.

8. Tenderer should quote as far as possible in the form & pattern, as envisaged herein. It will help in making proper comparison & avoid any errors/emissions. Offers receive through Fax/e-mail/telegram will not be considered at all

9. Printed conditions on the back of letters originating from Tenderer will be ignored.

10. EXCEPTIONS & DEVIATION: Tenderers are advised to submit their offer based on terms, conditions and specifications contained in the tender document and not to stipulate any deviations. In case it is absolutely unavoidable to deviate from tender conditions & if a tenderer desires to propose any addition/deviation/alterations to any of the terms and conditions contained in the tender document, the same must be expressed clearly in Annexure-IV and should be furnished along with part-I of the offer, without making any corrections on the body of the tender document and same should be pointed out & discussed during per-bid meeting on scheduled date and time along with any other clarification related to tender . In the absence of the same, it will be deemed as unqualified acceptance by the Tenderer to all the terms and conditions contained herein. Company may accept or regret the deviations put by the tenderer at its sole discretions. No claim on this will be entertained.

- a. Tenderer should mention the deviations, if any, at their own risk of rejection of their offer
- b. Deviations mentioned anywhere else in the offer shall be ignored without any consequences

11. Tenders containing corrections and alterations are liable to be rejected unless all such corrections and alterations are legible, clear signed & stamped by the tenderer.
12. Quotation qualified by such vague and indefinite expressions as "SUBJECT TO IMMEDIATE ACCEPTANCE" or "SUBJECT TO PRIOR SALE" is liable to be ignored
13. **TENDERER SHOULD FURNISH FOLLOWING AUTHENTICATED SUPPORTING DOCUMENTARY PROOF/DOCUMENTS ALONGWITH PART - I (TECHNO COMMERCIAL OFFER):**
 - a. One copy of complete tender document as issued duly filled and sealed & signed on each page by the tenderer as a token of acceptance of scope of work, terms & conditions of tender.
 - b. Demand Draft of Tender document fee, if the same is downloaded from the website as per clause no. 2(a) and Demand Draft/PO of Bid Security in the manner specified in tender as per clause no. 18.0 (Section-I).
 - c. Details in respect of satisfactorily supplying of similar nature of Stores in last two preceding years. Please enclose copies of Purchase Orders/performance certificate or repeat orders
 - d. In case of authorized dealers, furnish valid Authorization/Accreditation certificate from the manufacturer for participating in the tender
 - e. Detailed Technical leaflet of offered items.
 - f. Confirmation to suitability and conformity of offered items, as per our site requirement of company.
 - g. Copy of registration certificate under the Micro, Small & Medium Enterprises Development Act 2006, as per annexure-III.
 - h. Duly filled Annexure I to XII along with part-I of tender and Annexure-XIII (Price Bid) Part-II in separate sealed envelope (Envelope no. 3).
 - i. Any other relevant document, in support of eligibility criteria/terms & conditions of tender

Note: Each & every page of tender document, Annexure & documents furnished along with part I & Part II should be sealed & signed by the authorized person of the tenderer.

14. **BEFORE SUBMITTING TENDER:** Tenderer shall be deemed to have satisfied himself of all conditions liable to be encountered during the execution of the contract or rates quoted in the offer are adequate and all inclusive with respect to all factors circumstances and conditions likely to be incidental/ encountered to the execution of the contract, as per the scope and conditions given herein & no excuse about ignorance about any requirement shall not be entertain later on.
15. **AUTHORITY TO SIGN TENDER:** The tender should be signed by the person who is legally authorized to enter into commitments on behalf of the Tenderer. The authorization letter should be enclosed.
16. **SCHEDULE OF RATES:** Rate should be quoted in the Schedule of Rates/Price Bid offer-Part II as per Annexure - XIII (appended hereto). The rate quoted should be both in figures and words. In case of any discrepancy between the figures and written words the lower of the two shall be taken as quoted rate. No conditions should be mentioned in the Price Bid Offer Part - II, in case, if any will be ignored.

- 17. VALIDITY:** The tenderer shall keep the offer open for acceptance by RSMML for a minimum period of 120 Days from the date of opening of Part-I tender, within which period the tenderer shall have no right to withdraw, amend or modify his offer. In case of withdrawal/ amendment/modification the Bid security deposited by the Tenderer, as per clause No. 18 (Section-I) hereof, shall stand forfeited. The validity period may be extended further, if required, by mutual consent from time to time.

In case, tenderer, after issuance of communication of acceptance of offer by RSMML, fails to execute the contract as per the conditions of the contract, such an event will be considered as the tenderer calculated willful breach of the contract, the cost & consequence of which shall be on the sole account of the tenderer. Moreover, RSMML have full right to claim damages thereof in addition to the forfeiture of BID SECURITY

18. BID SECURITY:

- a. The tenderer shall deposit (interest free) a sum of Rs 24,500/- (Rupees Twenty Four Thousand Five Hundred Only) as Bid Security along with the tender by Demand Draft/PO. It should be in favor of RSMML payable at Jodhpur. Offers not accompanied with the requisite Bid Security will not be considered. Bid Security in any manner other than DD/PO will not be accepted.
- b. The tenderer is to furnish the Bid Security as per provisions at clause 2.1 while opening of the tender, the envelope containing Bid Security will be opened first and in case the same is found as per tender requirement, then only the sealed envelope containing part-I & part- II of offer will be opened. The offer of the tenderer(s) who has not furnished Bid Security of requisite amount and in prescribed manner will not be considered
- c. The EMD shall be forfeited in case of:
 - i. If tenderer unsolicited revises and/or modifies and/or withdraws and/or amends and/or cancels their tender at its own after submission of tender
 - ii. If it is established that tenderer have submitted any wrong information/forged document along-with the tender or thereafter/ found indulge in unfair trade practices
 - iii. If the tenderer declines to accept contract/order placed by the Company subsequent to acceptance of his offer
 - iv. If the tenderer does not submit the security deposit cum performance guarantee
 - v. If the tenderer breaches any promising provision of code of integrity Prescribed for bidder as detailed at Annexure-IX.
- d. The Bid Security furnished by the unsuccessful tenderer will be refunded after finalization of tender / validity of the offer has expired. Bid Security of successful tenderer will be refunded after receipt of Security Deposit cum performance guarantee
- e. The Bid Security of a tenderer lying with the company in respect of other tenders awaiting approval or rejected or on account of contract completed will not be adjusted towards Bid Security against this tender, however, the Bid Security originally deposited may be taken into consideration in case tender is re-invited
- f. In case of participation by Undertakings, Corporations, Autonomous Bodies which are controlled and managed by Govt., Govt. Undertakings and Companies of Union Govt. & Govt. of Rajasthan, they are exempted from deposition of Bid security
- g. Bid security will be taken @ 25% of the total value of Bid security of tender incase of participation by SSI unit of Rajasthan subject to that the tenderer has participated against the tender in a capacity of manufacturer of offered product

h. Except above, no Bid security exemption will be given to any party on any grounds and their offer will liable for exemption

19. RIGHTS Of RSMM: The Company reserves rights to exercise the following rights at its sole discretion without assigning any reasons thereof. The decision of the Company in this regard shall be final and binding

- a. Not to accept any offer or reject any or all the offers.
- b. To reject any or all the tenders received or accept a tender either for the total Scope of Work or part thereof & not to accept the lowest tender without assigning any reason.
- c. To cancel the tender, postpone it for another date, change the venue of the receipt/opening of the tender.
- d. To increase/ decrease the tendered quantity.
- e. To split the tendered items into more than one tenderer.
- f. To accept/not to accept offered material, if not found technically suitable as per requirement of RSMML
- g. To reject the offer, if it is established that the tenderer has submitted any wrong & misleading information /forged document along with offer or thereafter.

For RAJASTHAN STATE MINES & MINERALS LIMITED,

Advisor & Head, SBU-PC (LS)

I/ We have studied the above terms and conditions and having understood the same in true sense and spirit I/We shall abide by and adhere to the above terms and conditions fully.

Signature of Tenderer with official stamps

Date:
Place:

SECTION II : TECHNICAL SPECIFICATIONS & SCOPE OF SUPPLY

1. SCOPE OF SUPPLY:

- a) Quantity & detailed technical specifications are as mentioned below and as per annexure-I
- b) The scope of supply shall be the delivery of Stores by the supplier as per Annexure-I in accordance with the Terms and Conditions of the Tender.
- c) The supplier shall be deemed to have carefully examined and to have knowledge of the general and other conditions, schedules, and all other documents forming part of the contract, and also to have satisfied himself as to the nature and character of the Stores to be delivered under the contract.
- d) The supplier shall be entirely responsible for the performance of the contract in all respects according to the intent and meaning of the specification data.
- e) **The intention of the specification is to provide information for the design of the above mentioned transformer to be fully** suitable in every respect for the functions designated. It is required that the supplier is accepting the contract, agrees to furnish all apparatus, appliance and material whether specifically mentioned or not, but which may be found necessary to complete, perfect, or test any of the herein specified units in compliance with the requirements implied in this specification without extra charges.
- f) All terminal screws, studs, nuts and bolts shall be in accordance with the Indian Standards.
- g) Consideration may be given to alternatives which the supplier considers advisable by reason of his own manufacturing requirements and experience, provided descriptive matter is submitted and the recommended device or arrangement equal to, or superior to that required by the accompanying specification and if the purchaser is convinced of the quality and / or superiority of the equipment.
- h) All electrical and mechanical equipment shall be designed and manufactured so that no damage will result from transportation, installation and operation of the equipment under the climatic conditions to which it will be subjected.
- i) All materials used shall conform to this specification and appropriate standards and shall be new in all respects.

2. STANDARDS:

The transformer, its accessories and fittings, transformer oil etc. shall conform to the latest edition of the following standards (as amended up-to date) except where specified otherwise in this specification:

Transformer :	IS: 2026
Transformer oil :	IS :335/93
Bushings :	IS : 2099,3347,8603
Fittings and accessories for transformer :	IS : 3639
Code of practice for selection, Installation & maintenance of Transformer :	IS : 10028
Guide for loading of oil immersed transformer :	IS : 6600
Method of impulse voltage testing :	IS :2070

- a. Equipment meeting the requirements of any other authoritative standards which ensures a quality equal to or better than that as per the standards mentioned above, shall also be acceptable, where the equipment conforms to any other

standards, salient points of difference between the standards adopted and the specified standards shall be clearly brought out in the tender.

- b. All equipments shall be suitably designed and tested for normal life and satisfactory operation under the worst climatic prevalent at the site and shall be dust and vermin proof. All parts and surface which are subjected to Corrosion shall be made of such material and shall be provided with such protective finishes as would protect the equipment installed from any injurious effects of excessive humidity/dust. All electrical auxiliary equipment shall be specifically tested for worst conditions and the materials for this treatment shall be as per modern engineering practices/standards.
- c. **All work shall be carried out in accordance with the latest edition of the Indian Electricity Act and rules formed there under and as amended from time to time.**

3. EFFECIENCY:

The percentage loading for the max. efficiency shall be clearly stated in the tender at the unity power factor as well as 0.8 P.F..

4. INSULATION:

The dielectric strength of the winding, given insulation and the bushings shall conform to the values given in IS: 2026 (with its latest amendments) for highest system voltage of 36 KV, 1.1 KV and shall be suitable for the impulse test / power frequency test voltage.

5. TEMPERATURE RISE:

Transformer shall be capable of operating continuously at its normal rating without exceeding permissible temperature rise of transformer winding & transformer oil as well as per latest IS.

6. IMPENDENCE:

The percentage impedance of the power transformer at 75 Deg. C shall be subject to tolerance as per latest IS: 2026. The duration of short circuit with reference to the impedance voltage shall also be in accordance with the latest IS: 2026.

7. GUARANTEED LOSSES:

- a. The bidders are required to offer the transformer having no load losses and load losses not exceeding the values as per latest IS without any positive tolerance.
- b. The supplier shall provide along with the tender the design details of core assembly showing the construction details, core diameter, net/ gross sectional area of the core assembly etc. The information must also be given in respect of volts per turn at principal tap for normal voltage. The loss curves for type/grade of steel laminations being used for the core shall also be provided along with the tender.

8. TRANSFORMER CORE:

- a. The core shall be built up with thin lamination of high area, non ageing, low loss, high permeability, cold rolled, grain oriented silicon steel specially suitable for transformer core as per latest I.S..

- b. The particulars of laminated steel to be employed shall be supplied with the tenders along -with DC magnetization, B-H and iron loss curves.
- c. If required after being sheared the laminations shall be treated to remove all burrs and shall be re annealed to remove all residual stresses. At least one side of each coating, which will not deteriorate due to pressure and the action of hot oil.
- d. **The nature of insulation** and its class shall be clearly specified in the tender.
- e. Every care shall be exercised in the selection, treatment and handling of core steel to ensure that as far as practicable, the laminations are flat and the finally assembled core is free from distortion.
- f. The design of the magnetic circuit shall be such as to avoid discharges, development of short circuit paths within itself or to the earthed clamping structure and the production of flux components at right angles to the plane of the laminations which may cause local heating.
- g. The core shall be rigidly clamped to ensure adequate mechanical strength and to prevent vibration during operation. The core / clamping bolts shall not pass through core / yoke and clamping structure shall be so constructed that eddy currents will be minimum.
- h. The core shall be provided with lugs suitable for lifting the complete core and coil assembly of the transformer. The core and the coil shall be so fixed in tank that shifting will not occur when the transformer is moved or during a short circuit.

9. FLUX DENSITY:

The flux density and magnetizing current in any part of the core built from cold rolled grain oriented steel must be as per latest IS.

10. WINDING:

- a. The material used for insulation and coils shall be of best quality and if desired, invoices and manufacturers test certificate shall be furnished.
- b. The double paper covering insulation shall be used in HV & LV coils.
- c. The insulation of the coils shall be suitable to develop the full electrical strength of the windings. All materials used in the insulation and assembly of the windings shall be insoluble, non catalytic and chemically inactive in the hot transformer oil, and shall not soften or otherwise be adversely effected under the operating conditions.
- d. The copper conductor used in the coil structure shall be best suited to the requirements and all permanent current carrying joints in the windings and the leads shall be welded or braced except compression type which may be used for terminal connections. Bolted connection may be used at the bushings and at terminal board with suitable locking device.

11. FAULT WITHSTANDING CAPACITY OF WINDING:

All the windings shall be suitably designed to withstand short time rating and the max. temp. attained for short time rating as per latest IS.

12. TRANSFORMER OIL:

The oil for first filling shall be supplied with transformer. The oil shall be EHV grade-I and shall comply IS with latest amendments.

13. TANK:

- a. The transformer tank and cover shall be fabricated from good commercial grade low carbon steel suitable for welding and of adequate plate thickness.
- b. The tank and the cover shall be of welded construction. All seams shall be welded and where practicable they shall be double welded.
- c. The transformer tank shall have sufficient strength to withstand without permanent distortion.
- d. At-least one manhole/ inspection cover with a welded flange and a bolted cover shall be provided on the tank cover. The manhole shall be of a sufficient size to afford each access to the lower ends of the bushings, terminals etc.
- e. The exterior of transformer tank shall be thoroughly given one primary coats & two finishing coats of durable oil and whether resistant paints of enamel. The colour of the finishing coats shall be dark admiralty grey conforming to latest colour code of IS.

14. OFF LOAD TAP CHANGER (OLTC) MECHANISM:

- a. The off circuit tap changer shall be of high quality and robust in construction. It shall be located at a convenient position so that it can be operated from ground level by a standing operator.
- b. The handle of OCTC shall be provided with a locking arrangement thus enabling the OCTC to be locked in a position.
- c. Arrangement for indicating of tap position shall also be provided.
- d. It shall be suitable for local manual operations.
- e. The OCTC shall be capable of carrying rated MVA on all taps. The capacity of the OCTC shall be compatible with the highest system voltage and current based on maximum over loading permissible as per latest IS

15. BUSHING:

- a. All main winding at HV side and neutral leads shall be brought out through outdoor type bushings and LV side by bus duct.
- b. The electrical characteristics of bushing shall be in accordance with latest IS.
- c. The bushing shall be rated for highest voltage and current rating of the respective windings. The current ratings of bushing and creep age shall be as per latest IS.
- d. Special adjustable arcing horns shall be provided with HV bushing. Each bushings shall be so co-ordinate with the transformer insulation that all flashover occur outside the tank.

16. FITTINGS AND ACCESSORIES:

The transformer shall be provided with the following fittings and accessories:-

- a. 150 mm dial type thermometer for oil.
- b. One oil drain cum sampling valve for main tank with plug or core plate of suitable size with locking arrangement.
- c. One filter valve located at the top of the tank on the LV side. The opening of this valve shall be baffled to prevent aeration of oil.
- d. One filter valve located near the bottom of the tank on the HV side of the transformer with suitable locking arrangement.

- e. Air release device. It shall be of adequate capacity and shall be provided to release the trapped air during / after filling of the oil.
- f. Explosion vent (Pressure release device).
- g. Fixed type radiators for cooling as per latest IS.
- h. Oil conservator tank having detachable and plates, with following provisions:
 - I. One oil filling hole with plug and drain valve on the conservator.
 - II. One magnetic oil level gauge having painted / embossed marking as min., normal, and max. oil level.
 - III. Silica gel breather with oil seal and dehydrating agent.
- i. Eye bolts and lugs on all parts for ease of handling.
- j. Two grounding terminals as per IS.
- k. Rating, Diagram and terminal marking plates, rating, diagram and terminal marking plates of stainless steel or brass for transformers and other accessories giving details as per IS- 2026 shall be provided.
- l. Purchase order reference, date of dispatch, weight of all important items, no load & load loss figures and postal addresses, performance guarantee shall also be indicated.
- m. Bimetallic terminal connectors suitable for “ACSR DOG” for HV bushing and suitable bus duct for connecting bus bar at LV side.
- n. Rollers : Transformers shall be provided with four numbers of flat bi-directional rollers.
- o. Hauling Eyes : Hauling eyes shall be provided on all the four sides of the transformer base.
- p. Jacking Pads : Four sturdy jacking pads shall be provided for lifting complete transformer to enable rotation of its wheels through 90 degree for pulling on transformer tank. Lifting height and safe capacity of jacks shall be specified.
- q. Lifting lugs: Two sets of forged or tested mild steel plate lifting lugs, one set for top cover, core and coil assembly and other set of complete transformer shall be provided.
- r. Inspection Covers : One inspection covers of sufficient size for access to the interior of the tank shall be provided on the cover. The inspection covers shall be provided with suitable lifting arrangements.
- s. All type of valves shall be of gun metal except radiator shut off valves which may be of cast iron/ steel. All valves shall be provided either with blind companion flanges or with pipe plugs for protection.
- t. All necessary accessories which are essential for the smooth operation as per latest IS would also be in the scope of fittings and accessories which are left in above points and required time to time.

- 17. MEASURING & PROTECTIVE DEVICES:** All type of protective and measuring devices/ equipments which are necessary as per latest IS for the smooth and safe operation of the transformer, must be provided without any additional charges along- with their test certificates.
- a. Buchholz relay with alarm and tripping contacts as per latest IS.
 - b. Winding temperature alarm and tripping contacts as per latest IS.
 - c. Oil temperature alarm and tripping contacts as per latest IS.
 - d. Oil level alarm and tripping contacts as per latest IS.
 - e. Marshaling Box

18. INSPECTION:

- a. RSMML shall have the right of stage inspection and/or to test the items to confirm its conformity during actual manufacturing and assembling of the transformer, so as to be satisfy regarding the quality of products and material being used, as per company's requirement mentioned in the tender and as per latest IS. Inspection and testing, prior to dispatch will be carried out by company at Supplier's end & consignee's end.
- b. All types of routine tests as per specification and latest IS are to be conducted and no deviation in respect of conducting these tests will be acceptable. No extra charges for these tests will be paid. Even if charges for such tests are indicated elsewhere in the tender, it will be presumed that these tests will be conducted free of cost.
- c. If RSMML decides to send his representative then these tests would be carried out in his presence. The following facilities shall be provided by the supplier at his own cost to the Inspecting Officer of RSMML during inspection / testing:-
 - i. Suitable accommodation shall be provided.
 - ii. Local conveyance between arrival point and place of stay, works and departure place.
- d. However, final inspection shall be carried out at consignee's end which will be final and binding to both the parties. All reasonable facilities and assistance including access to technical data, drawings etc. shall be furnished by the tenderer to the company at no charge to facilitate commissioning at full load at site.
- e. In case of rejection of any item, the same should be replaced, to meet specification requirements, by the tenderer at their own risk & cost.
- f. The inspection/test reports shall in no way release the tenderer from any warrantee or other obligation under this contract.

19. STAGE INSPECTION:

The stage inspection will particularly include the following tests/ checks besides the general routine tests to be conducted during manufacturing stages as per manufacturer's standard practice. No extra charges for any of the tests shall be quoted. No deviation from latest IS shall be acceptable.

- I. Physical inspection / checking of winding insulating material, core material and other accessories / fitting or transformer.
- II. Measurement of core area, cross sectional area of winding(s), number of turns in each winding of one transformer
- III. Visual and dimensional check during assembly stage of core
- IV. High voltage test as per latest IS between all core-bolts if provided and agreed to frame bare/ fish plates etc. and ferro- magnetic steel of core
- V. Check on completed core for measurement iron loss and check for any hot spot by exciting the core so as to induced the design values flux density.
- VI. Check for proper provisions of spacers and bracings to arrest the movement of core and winding assembly inside the tank.
- VII. To carry-out the stage inspection, the supplier should intimate the complete schedule of manufacturing program of transformer at least 15 days prior to the Advisor & Head, SBU-PC (LS), Jodhpur.

- 20. ROUTINE TESTS :** The transformer shall be subjected to following routine tests and any other also if required as per IS: 2026 with latest amendments. No any extra charges for any of the tests shall be paid. No deviation shall be acceptable:-
- a. Measurement of resistance of each winding.
 - b. Measurement of turn's ratio between HV-LV windings at each tap.
 - c. Checking of polarity and phase relation – ship for each winding.
 - d. Measurement of no load loss and no load current.
 - e. Positive phase sequence impedance/ short circuit impedance between HV-LV windings on minimum, maximum and normal taps.
 - f. Separate source voltage withstand test.
 - g. BDV test on transformer oil.
 - h. Induced over voltage withstand test.
 - i. Measurement of neutral unbalance current.
 - j. Regulation at rated load at unity, 0.90 and 0.80 lagging power factor.
 - k. Load losses measured at rated frequency by applying voltage sufficient to produce the rated relevant current in one winding with the other winding short circuited.
 - l. Measurement of insulation resistance.
 - m. The total losses shall comprise of the No Load Losses, Load losses at rated output duly converted at 75 degree C average winding temperature and shall also be indicated in the test report.
 - n. Load losses shall be that corresponding to rated load on HV & LV winding.
 - o. Routine dielectric tests as per IS:
 - p. Check complete transformer against approved outline drawing, provision for all fittings, finish oil level etc.
- 21. TYPE TESTS:** Transformer (Completed in all respects) shall be subjected to the following type tests. No extra charges shall be paid for these tests.
- a. Dielectric test: The lightning impulse test along-with chopped wave test shall be made in accordance with IS: 2026 latest amendments, on complete transformer i.e. on all the three limbs of the transformer on HV. The tests on three phases of high voltage winding of transformers shall be performed on extreme tapings and the principal tapping respectively i.e. one terminal will be with minimum tap other with maximum and third with principal tap position.
 - b. Short circuit test: Short circuit test for dynamic and thermal ability shall be conducted as per IS: 2026 with latest amendments.
 - c. No load and load loss shall also be measured during short circuit test. These losses shall be considered as final for acceptance of the transformers.
 - d. Temperature rise test: It shall be conducted as per IS.
 - e. Oil leakage test as per latest IS.
 - f. Magnetizing current and Percentage Impedance test as per latest IS.
 - g. The short circuit test shall be arranged by the supplier as per latest IS at their cost. If facility to conduct impulse test is not available with the transformer manufacturer, then the same shall be arranged by the supplier at Govt. / Govt. approved laboratory at their cost.
 - h. These tests shall also be witnessed by RSMML representative at CPRI/ERDA/ Govt./Govt. approved/Govt. recognized laboratory for which programme

indicating date and place of type tests shall be intimated in 15 day's advance enabling purchaser to depute his representative.

- i. The original preliminary / provisional test results shall have to be forwarded by testing lab directly to the RSMML in sealed cover for consideration / approval of tests as having been satisfactory withstood by the transformer. Detailed reports shall also be forwarded to RSMML at the earliest.
- j. These test reports shall be arranged by the supplier for which no extra charges shall be paid. No supplies shall be accepted without successful type testing of transformer.

22. TESTS AT SITE : After erection at site transformer shall be subjected to the following tests:

- i. Insulation resistance test.
- ii. Ratio and polarity test.
- iii. Dielectric test on oil.

In case the equipment is not found as per the requirements of the purchase order, all expenses incurred during site testing will be to the tenderer's account and the material shall be replaced by him at site, free of cost.

23. FURTHER TESTS: The purchaser reserves the right of having other reasonable tests carried out at his own expenses either before dispatch or during performance guarantee period from Govt. approved / Govt. recognized lab to ensure that the transformer complies with the requirements of this specification and IS after due intimation to the supplier. In case the equipment is not found meeting the requirement of PO/ specification as per concerned IS, all the expenses incurred for such testing will be on supplier's account and the material shall be replaced by the supplier at site free of cost.

24. TEST REPORTS: After all tests have been completed, four certified copies of each test report shall be furnished. Each report shall supply the following information:

- a. Complete identification data including serial number of the transformer.
- b. Method of application, where applied duration and interpretation of results for each tests.
- c. Temperature data corrected to latest IS.

25. DRAWINGS: The drawings and the technical literature list below shall be submitted by each tenderer with the tender:

- a. General outline drawings showing front, side elevations and plan views of the transformer and all accessories and external features with detailed dimensions, net and shipping weight, crane lift for undertaking and for erection / removal of bushing, size of lifting and pulling eyes, HV & LV terminal clearances, live terminal to ground clearances, quantity of insulating oil etc.
- b. Core assembly drawing showing complete constructional details and flux density calculations & details of insulation.
- c. Drawings giving details of name plate & terminal marking and connection diagrams.
- d. Drawings of bimetallic terminal connectors with test certificate.
- e. Thermal / dynamic calculations to provide transformers capability to withstand short circuit under worst conditions In the even of an order the supplier shall also supply 2 sets of the above drawings/documents listed based on final design.

- f. All drawings shall be thoroughly checked for accuracy and completeness and signed or initialed by a responsible officer of the contractor.
- g. All drawings shall be in English language and dimensions in metric system.

For RAJASTHAN STATE MINES & MINERALS LIMITED,

Advisor & Head, SBU-PC (LS)

I/ We have studied the above terms and conditions and having understood the same in true sense and spirit I/We shall abide by and adhere to the above terms and conditions fully.

Date & Place :

Signature of Tenderer with official stamps

SECTION III: SPECIAL TERMS & CONDITIONS OF CONTRACT

1. EVALUATION OF TENDER:

- a. Pre-qualifying criteria:
 - i. The tenderer should be manufacturer/distributors/bonafide dealers for which valid proof should be furnished along with tender document.
 - ii. Clientele served of similar nature of stores during last two years along with photocopies of orders/repeat orders/performance certificates, if any;
 - iii. The tenderer who fails to furnish the prescribed EMD shall not be eligible for price bid opening;
- b. The techno-commercial suitability of the offers will be ascertained on the basis of pre-qualifying criteria, past track record of the suppliers to supply of similar technical specifications, the quantum and performance of such supplies on the basis of documents submitted along with the Tender (Part-I of the offer). The decision of the Company with regard to short-listed bidders shall be final and binding to tenderers.
- c. Price Part (Part-II) of the offer of only short-listed tenderers will be opened and only such short-listed tenderers will be informed about the date and time of opening of the price bid. The company will generally not entertain any correspondence on this subject.

2. DETERMINATION OF LOWEST BIDDER:

- a. The lowest tenderer shall be determined on the basis of total landed cost after Installation & Commissioning of transformer as offered by the tenderer for supply of items at Sanu Mines, Jaisalmer basis inclusive of all taxes, duties, transportation, loading/unloading at both ends by deployment of matching capacity crane, insurance & any other delivery charges up to destination. The effect of any direct/indirect tax /duties/levies (Input Tax Credit, Entry Tax) imposed by Govt. of Rajasthan/Central Govt. on supply of tendered store will be given while calculating the landed cost.
- b. The element of Rajasthan Value Added Tax (VAT) shall be excluded from the rates quoted by the manufacturing firms of Rajasthan and the element of Central Sales Tax CST @ 2% against "C" form shall be included in the rates of firms of outside Rajasthan for evaluation purpose. C form and road permit will also be provided by company for out of state suppliers.
- c. In the event company accepts the lowest tendered rate, the offer of such tenderer will be accepted for issuance of purchase order.
- d. In the event the company does not find the lowest quoted rate, acceptable to it, then the tender will be scrapped and may be re-invited, or company may take any other suitable action as deemed fit looking to the exigency of the work.

3. NEGOTIATIONS:

- a. Negotiations will be conducted with the lowest tenderer only. In case of non-satisfactory achievement of rates from lowest tenderer, RSMML may choose to make a written counter offer to the lowest tenderer and if this is not accepted, RSMML may decide to reject and re-invite fresh tenders or to make the same counter-offer first to the second lowest tenderer, then to the third lowest tenderer and so on in the order of initial bidding, and work order be awarded to the tenderer who accepts the counter offer.

- b. In the case, when the quotations given by the tenderer during negotiations is higher than the original quotation of the tenderer then the tenderer will be bound by the lower rate originally quoted by the tenderer.
 - c. In case of negotiations, representative of the tenderer attending negotiations must possess written authority from the tenderer to the effect that he is competent to modify/amend the submitted tender deviations and rates offered by them.
 - d. In the event the company does not find the lowest quoted rate, acceptable to it, then the tender will be scrapped and may be re-invited, or company may take any other suitable action as deemed fit looking to the exigency of the work.
- 4. NO COMPENSATION FOR ALTERATION OF DELIVERY SCHEDULE OR SUSPENSION OF SUPPLIES:** If at any time after commencement of the supply, if the Company, for any reason, whatsoever do not require the whole supply or part thereof as specified in the AT, shall give notice in writing of the same to the supplier and the supplier shall not be entitled for any compensation and/or damage of any kind whatsoever on account for loss or profit etc. nor the contractor be entitled to any claim for compensation for re-scheduling of delivery period.
- 5. SECURITY DEPOSIT-CUM-PERFORMANCE GUARANTEE:**
- a. As security for due, proper and faithful fulfillment of the obligations under the contract, the tenderer will furnish to RSMML, Security Deposit-cum-Performance Guarantee of **10% of total value of order** by way of Demand Draft/Pay Order or in the form of Bank Guarantee in RSMML Performa from any Public Sector/ICICI/HDFC/AXIS Bank having its branch at Jodhpur, within 21 days from the date of receipt of intimation of RSMML's acceptance of the tender. The Bank Guarantee should be valid for a period of 3/6 month in excess of the warrantee period/work completion period or purchase order date.
 - b. In case SD is being furnished in the form of Bank Guarantee, the BG should be furnished on the non-judicial stamp paper of the value equal to 0.1% (Zero Point One Percent) of security deposit or of Rs. 200/- whichever is higher.
 - c. The SD shall be liable to be invoked/amount of SD is liable to be forfeited wholly or partly at the sole discretion of the Company, should the supplier either fails to execute the work within the stipulated period or fails to fulfill the agreed obligations or fails to settle in full, it's dues to the Company.
 - d. The Company is empowered to recover from the SD any sum due and/or any other sum that may be fixed by the Company as being the amount or loss or losses or damages suffered by it due to unsatisfactory performance or non-fulfillment of any of the conditions of the tender/contract.
 - e. The Bank Guarantee/SD shall remain in force and binding, notwithstanding, if any variation, alteration, modification etc. are made to the contract or any extension of the contract period are granted by RSMML.
 - f. RSMML shall not pay any interest on the Security Deposit. The Security Deposit shall be released on application by the contractor after expiry of guarantees and after discharge of all the supplier's obligations under the contract.
 - g. The said Security Deposit shall not in any way be construed as a limitation of the supplier's responsibility or liability pertaining to its obligations and guarantees under the contract and shall be without prejudice to any remedies available to RSMML in terms of the contract and or as per the laws of the land.
 - h. Bank Guarantee/SD should be sent to the office of Advisor & Head, SBU- PC (LS), RSMM Ltd., Jodhpur-342011 (Raj.).

6. PRICES:

Price should be quoted as per Annexure –XIV (Price Bid) for supply of tendered items, annexed hereto. Prices should be quoted in Indian Rupees only.

- a. Price quoted must be net per unit, and should be offered on FOR destination basis at Sanu Mines, Jaisalmer, including transportation, insurance & other delivery charges up to destination.
- b. Entries should be neat and legible without any correction. Corrections, if any, must be signed in full and dated. The prices must be stated for each item separately.
- c. Actual charges towards duties, taxes, levies or any other charges as applicable for the supply of item must be stated specifically. In the absence of any such stipulation it will be presumed that the offered price includes all such charges and no claim whatsoever for the same will be entertained later on.
- d. The tenderer shall be entirely responsible for all taxes, duties and other such levies imposed outside the India, including all bank charges.
- e. Entry Tax, if any, leviable by Govt. of Rajasthan will be borne and paid by RSMML.
- f. Tenderer shall warrant that the prices being charged to the Rajasthan State Mines & Minerals Limited are not higher nor the terms taken as a whole less favorable than in respect to tenderer current sales.
- g. Any work/equipment/spare deems necessary for the safety/installation & commissioning/Testing would be in scope of tenderer.

7. DELIVERY TERMS:

- a. The delivery of the stores is required Ex. stock and should be dispatched as soon as the orders are placed. The tenderer should state the earliest delivery period they can offer for full or part quantity.
- b. Should the supplier fail to deliver the stores in full or part within the delivery period of the contract, Company will be entitled to cancel the contract in full or for undelivered portion and to purchase at the risk and cost of the tenderer

8. CONSIGNEE: The Consignee is Dy. General Manager (LS), RSMM Ltd., Sanu Mines, Dist. Jaisalmer or his authorized representative.

9. INSURANCE: In case the materials are ordered on F.O.R Destination basis, the supplier shall insure the Stores against all transit risk from warehouse to warehouse basis at his own cost.

10. TERMS OF PAYMENT & PAYING AUTHORITY:

- a. Company desirable payment terms are 100% within 30 days of successful Installation & commissioning and acceptance of goods at 33 kv sub-station Sanu Mines, Jaisalmer.
- b. Billing & Paying Authority: The bill in triplicate along-with the supporting documents duly verified by the consignee will be released by Payment disbursing authority – The Payment disbursing authority is CAO, Jodhpur.
- c. Payment will be made through RTGS/NEFT on submission of bank A/C details. However all bank charges/ commission, if any, shall be borne by the supplier

11. MANUFACTURER: In case the tenderer is Dealer/Distributor/Sole Agent, name of the original equipment manufacturers (OEM) shall also be indicated. The manufacturer's valid Authorization Certificate to participate in the tender shall also be enclosed.

- 12. TECHNICAL DATA:** Stores shall confirm the technical specifications as per **Annexure-I**. In case tenderers are on the Rate/Running contract with the DGS&D, a copy of Rate/Running Contract price of DGS&D will also be produced by the tenderer.
- 13. PRICE VARIATION:** The quoted price should remain firm and fixed till the completion of supplies. Only variation on account of changes in Taxes & Duties by the Government will be considered. No escalation/ variation on any other grounds whatsoever shall be considered or be admissible:
- a. Escalation on Government Taxes & Duties: The tenderer will indicate in his offer the applicable Taxes & Royalty at the time of opening of Part-I offer. In the event of any increase/decrease in the Taxes & royalty by the Government, the difference of the same shall be passed on to the Contractor/RSMML as the case may be. The subsequent increase/decrease shall be payable only on the production of authentic documentary proof by the Contractor.
 - b. Save and except as aforesaid, the contractor shall not be entitled to raise any claim and/or demand and/or any dispute on account of escalation or raise or increase in the prices of any other item or element whether in respect of electrical charges, high speed diesel, oil, lubricants, tyres, tubes, spares, wages or minimum wages of workmen either statutory or contractual under any settlement or award or otherwise or on any other ground/or reason whatsoever.
 - c. Suitable price variation clause may be added on case to case basis where price escalation/de-escalation is to be passed on depending upon price variation of any input material
- 14. COMPENSATION FOR DELAYED DELIVERY:** Should the contractor fail to deliver the stores in full/part within the delivery date the Company shall be entitled at its option either:
- a. To recover from the contractor as agreed compensation @ 0.5% of the value of the undelivered stores, for each week or part thereof subject to a maximum of 5% of value of undelivered store.
- OR**
- b. To purchase from elsewhere, without notice to supplier at his risk and cost of full undelivered part, as the case may be.
- OR**
- c. To cancel the contract in full or for the undelivered portion and to purchase or authorize purchase at the risk and cost of the supplier.
- OR**
- d. Company will be empowered to repurchase in such case (b&c) above, stores which are readily available to meet his requirements, irrespective of the fact whether these are similar or not
- 15. ASSIGNMENT:** The contractor shall not sublet, transfer or assign this contract or any part thereof (or any benefit or interest therein and there under) without written consent of the company. But such consent of the company, if given shall not relieve the contractor from any liability or obligation under this contract and the contractor shall be responsible for all acts, defaults and neglects of the sub-contractor, his agents and employees fully as if those are the Contractor 's own acts.
- 16. INDEMNIFICATION:** Except where arising from the negligence of RSMML or RSMML's employees, the supplier shall indemnify RSMML in respect of any costs or damages, whatsoever arising out of or related to breach of statutes, laws, acts, rules and regulations, damage, accident or loss etc. by the supplier or suppliers personnel or by claims made against RSMML by third parties in respect thereof.

- 17. PERFORMANCE GUARANTEE:** The tenderer shall guarantee that the stores under the contract shall be free from all defects for a minimum period of Twelve months from the date of delivery of stores or Eighteen months from date of invoice, whichever is earlier. If at any time during the guarantee period, the stores do not confirm the Company's requirements/specifications and/or do not meet the desired performance/specifications the supplier will lift the material at its own expenses within a time to be specified by the Consignee. In the event the tenderer failing to do so, the Company shall take appropriate action and the expenses on this account forthwith be reimbursed by the tenderer/adjusted from any due payment without prejudice to the Company's any other rights and/or remedies provided in the contract or by the relevant provision of Law
- 18. PRICE FALL CLAUSE:** In the event of supplier accepting lower prices for supplies covered under the contract to any other companies during the pendency of the contract, the lower price and charges will also be applicable to this contract. The supplier must intimate RSMML as soon as they accept lower prices from any other company including PSU and Government Organization.
- 19. TERMINATION:**
- a. In case of failure to perform the job as required under this tender or observe breach of any of the terms and conditions by the tenderer, the company shall give a notice to rectify such default/breach may result in termination of the Purchase Order and forfeiture of Security Deposit without any prejudice to the Company's rights to claim damages/cost/ loss etc. caused by such default/breach. Such termination shall not absolve the supplier of the liabilities accruing till the date of such termination.
 - b. b) The contract may also be terminated in the event the supplier is being adjudged insolvent or going into Liquidation or Winding up of their business, or making arrangement with their creditors.

Notwithstanding anything contained herein above, the Company in its absolute discretion may at any time terminate the order without assigning any reason thereof by giving fifteen day's notice to the supplier at their last notified address. In such an event the supplier shall not be entitled to raise any claim or demand for compensation, loss of profit and/or damages and/or losses or costs by reason of such earlier termination on any ground whatsoever

- 20. INDIAN/BSS STANDARD:** All specification mentioned in the tender documents are based on Indian Standards or equivalent and where no Indian standards exists the supplies conform to B.S.S. All electric installations, equipments etc shall have to conform to Indian Electricity Rules 1967 and as amended from time to time.
- 21. FORCE MAJEURE:** At any time, during the continuance of the contract, the performance in whole or in part by either party (sub-vendors excluded) and/or obligations under this contract shall be prevented or delayed by reason of any war, hostility acts of public enemy, civil commotion, sabotage, fires, floods, explosion, epidemics, quarantine restrictions, non-performance due to labour strikes, lock-outs and Acts of God or Acts of Government/statutory bodies (hereinafter referred as "Event") then provided a notice of the happening of any such event is given within **seven days** from the date of occurrence thereof neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damage against the other in respect of such non-performance or delay in performance and the deliveries and/or performance of the work under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exit and decision of Company as to whether the deliveries and/or performance of the work have

been so resumed or not shall be final and conclusive. Provided further that if the performance in whole or in part is delayed by reasons of any such events for a period exceeding **thirty days** either party may at its option terminate the contract.

22. JURISDICTION: The contract is subject to the jurisdiction of courts of Jodhpur in the state of Rajasthan

For RAJASTHAN STATE MINES & MINERALS LIMITED,

Advisor & Head, SBU-PC (LS)

I/ We have studied the above terms and conditions and having understood the same in true sense and spirit I/We shall abide by and adhere to the above terms and conditions fully.

Date & Place:

Signature of Tenderer with official stamps

ANNEXURE-I**ACCEPTANCE TO THE TECHNICAL SPECIFICATION**

(To be enclosed with part-I of offer)

S. No	Description/ Specification of Material	Unit	Qty	Deviation, if any
Make: Siemens, ABB, Kirloskar, NGEF, Voltamp, Bharat Bijlee or Any Other Reputed Make				
1	Out Door Type Power Transformer 3-Phase, 1600 KVA, 33/0.440 KV,50 Hz,Copper Wound, Oil Filled (ONAN), Ref-IS-2026, % impendence & % Regulation as per latest IS,Vector Group Dyn11, Max. Ambient Temp-50 Degree Centigrade, Bushing on HT Side & Bus Duct on LT Side, Bearing capacity of 1900 Amp. at LT side, Off Load tape changer in 5/7 steps, $\pm 5\%$, With first transformer oil filling with Complete Protective & Measuring Accessories & other parameters as per relevant IS code with latest amendments including transportation (loading & unloading) & Installation & Commissioning at Sanu Mines, Jaisalmer (Raj.)-345001	Nos.	1	

Note:

- (i) Bidders may specifically quote as per the Make, Description, mentioned in the Annexure-I, if there is any deviation it should be specifically mentioned for proper evaluation of offer.
- (ii) Technical Leaflet/Brochure etc. to be provided along with the offer.
- (iii) Test Certificates to be provided along with supply.

We hereby confirm and accept to supply of material as per above specifications.

Signature of Tenderer with Official stamps

Date:

Place:

GENERAL PROFILE OF TENDERER

(To be submitted - part – I of the offer)

1	Name & address of the tenderer with contact details.			
2	Name, email id & contact Nos. of Authorized Person dealing with tender			
3	Status of Tenderer i.e. Manufacture/ Authorized Dealer/Bonafide Dealer/any other.			
4	Whether Proprietor/Partnership/Company.			
5	Name of owner/partners Directors with full address.			
6	Annual turnovers in rupees for last three years (in lacs)	2013-14	2012-13	2011-12
7	PAN No.			
8	TIN No.			
9	Service Tax Registration no.			
10	Entrepreneurs Memorandum no. as per MSMED Act 2006			
11	Banker details:			
	a) Name			
	b) Branch No.			
	c) Address			
12	Bank Account No.			
13	Type of A/c:Saving/Current/CC/other			
14	IFSC code			
15	Are you exempted from paying; custom Duty/Excise Duty/Sales Tax, if yes give details.			
16	Any other important information			

Date & Place:

Signature of tenderer with official stamp

**DECLARATION FOR REGISTRATION UNDER MICRO, SMALL & MEDIUM
ENTERPRISES DEVELOPMENT ACT, 2006**

(To be submitted along with part – I of the offer)

1. Whether the tenderer is registered under Micro, Small & Medium Enterprises Development Act, 2006. _____(Yes/NO)
2. If yes, please furnish the declaration given below.

We (Name of Tenderer _____), hereby declare that, our organization is registered under Micro, Small & Medium Enterprises Development Act, 2006 as _____(Micro, Small & Medium) Enterprises, having entrepreneurs Memorandum no. _____ and under category of _____ (Manufacturer/service)

3. Enclose attested copy of registration certificate.

Signature of tenderer with official stamp

Date:

Place:

EXCEPTION & DEVIATIONS

(To be submitted along-with part – I of the offer)

Name of Tenderer _____

Tenderer may stipulate here exceptions and deviations to the tender conditions, if considered unavoidable.

S. No.	Tender Clause no.	Requirement as per tender clause	Offered condition/ Deviation

Note: In case the tenderer does not mention any information to the deviations in the above format & furnish it blank then it will be presumed that the tenderer is not offering/ putting any deviations to the tender terms & condition.

We confirm that we have not put any other deviations to the tender terms & conditions except to the above.

Signature of tenderer with official stamp

Date:

Place

**UNDERTAKING TOWARDS ACCEPTANCE OF ALL TERMS & CONDITIONS
OF TENDER AND NO CONDITION MENTIONED IN PRICE BID**

(To be submitted - part - I of the offer)

Name of Tenderer _____

- I) We confirm that all the terms & conditions of tender are accepted to us and we will supply the material as per technical specifications of tender.
- II) We hereby undertake that we have not mentioned any condition in the price bid.

Signature of tenderer with official stamp

Date:

Place:

DECLARATION OF NON SUSPENSION/NON BANNING

(To be submitted - part - I of the offer)

Name of the Tenderer: _____

We hereby declare that we have not been banned/suspended or de-listed by RSMML or any other State Govt./Semi-Govt./Central Govt. agencies in past.

Signature of Tenderer with official stamp

Date:

Place:

DECLARATION BY TENDERER

I/We declare that I am/we are manufacturer/authorised dealer/ Importers/ Bonafide dealers in the goods/stores/equipments for which I/We have tendered.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/our bid security/security deposit may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Signature of tenderer with official stamp

Date:

Place:

DETAILS OF OFFERED COMMERCIAL TERMS

(To be submitted - part – I of the offer)

Particulars	Offered Terms
Price Basis	For Destination/Ex-Works
Packing & Forwarding Charges	@.....%
Freight & Insurance Charges	@.....%
Excise Duty & CESS	@.....%
CST/VAT	@.....%
Any other taxes/duties/levies	@.....%
Details of Exemption on Duties & Taxes, if any.	
Offered Delivery Period	

Note: In case the tenderer is availing any exemption/concession on ED, CST/VAT etc., details of the same should be clearly provided and the supporting document issued by the respective Government Departments/Agencies should be enclosed.

Signature of tenderer with official stamp

Date:

Place:

Compliance with the Code of Integrity and No Conflict of Interest

(To be submitted along-with part – I of the offer)

Any person participating in a procurement process shall –

- a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- b) Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- c) Not indulge in any collusion, Bid rigging or anti-competitive behaviour to impair the transparency, fairness and progress of the procurement process;
- d) Not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- e) Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- f) Not obstruct any investigation or audit of a procurement process;
- g) Disclose conflict of interest, if any, and
- h) Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest:-

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- i) A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a) Have controlling partners/shareholders in common; or
 - b) Receive or have received any direct or indirect subsidy from any of them; or
 - c) Have the same legal representative for purposes of the bid; or
 - d) Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
 - e) The Bidder participates in more than one bid in a bidding process. Participation by a Bidder in more than one bid will result in the disqualification of all bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one bid; or
 - f) The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the bid; or
 - g) Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/consultant for the contract.

Declaration by the Bidder regarding qualifications Declaration by the Bidder

(To be submitted along-with part – I of the offer)

In relation to my/our Bid submitted tofor procurement ofin response to their Notice Inviting Bids No..... datedI/we hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act 2012, that :

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:

Signature of bidder

Place:

Name:

Designation:

Address:

Grievance Redress during Procurement Process

(To be submitted - part – I of the offer)

The designation and address of the First Appellate Authority is: Mines Dept, GOR

The designation and address of the Second Appellate Authority is: Finance Dept., GOR

- 1) **Filing an appeal** : If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued there under, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be clearly giving the specific ground or grounds on which he feels aggrieved: Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in the procurement proceedings: Provided further that in case a Procuring Entity evaluates the technical bids before the opening of the financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.
- 2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of the appeal.
- 3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2) or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the bidder or prospective bidder or the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be .
- 4) **Appeal not to lie in certain cases** : No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-
 - a) Determination of need of procurement;
 - b) Provisions limiting participation of Bidders in the Bid process;
 - c) The decision of whether or not to enter into negotiations ;
 - d) Cancellation of a procurement process;
 - e) Applicability of the provisions of confidentiality.
- 5) **Form of Appeal**
 - a) An appeal under para (1) or (3) above shall be in the annexed form along-with as many copies as there are respondents in the appeal;
 - b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
 - c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.
- 6) **Fee for filing appeal**
 - a) Fee for the first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
 - b) The fee shall be paid in the form of bank demand draft or bankers' cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.
- 7) **Procedure for disposal of appeal**
 - a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
 - b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority , as the case may be, shall –
 - (i) Hear all the parties to appeal present before him; and
 - (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.
 - c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
 - d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.

**Memorandum of Appeal under the Rajasthan Transparency in Public
Procurement, Act 2012**

(To be submitted - part – I of the offer)

Appeal No..... of

Before the(First /Second Appellate Authority)

1. Particulars of appellant :

(i) Name of the appellant :

(ii) Official address, if any:

(iii) Residential address:

2. Name and address of the respondent(s) :

(i)

(ii)

(iii)

3. Number and date of the order appealed against and name and designation of the officer/authority who passed the order (enclose copy), or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:

4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative :

5. Number of affidavits and documents enclosed with the appeal :

6. Ground of appeal:.....

.....

.....

.....(Supported by an affidavit)

7. Prayer:.....

.....

Appellant's signature :

Place:

Date:

Additional Conditions of Contract

(To be submitted - part – I of the offer)

- 1. Correction of arithmetical errors :** Provided that a Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:
 - i) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
 - ii) If there is an error in a total corresponding to the addition or subtraction of sub totals, the subtotals shall prevail and the total shall be corrected; and
 - iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.If the Bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

- 2. Procuring Entity's Right to Vary Quantities**
 - (i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit price or other terms and conditions of the bid and the conditions of contract.
 - (ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity in the Bidding Document due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.
 - (iii) In case of procurement of goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of goods of the original contract and shall be within one month from the date of expiry of last supply. If the supplier fails to do so, Procuring Entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

- 3. Dividing quantities among more than one bidder at the time of award (In case of procurement of goods):** As a general rule all the quantities of the subject matter of procurement shall be procured from the bidder, whose bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the bidder, whose bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the bidder, whose bid is accepted and the second lowest bidder or even more bidders in that order, in a fair, transparent and equitable manner at the rates of the bidder, whose bid is accepted.

MANUFACTURER'S GUARANTEED TECHNICAL PARTICULARS

Transformer : 1600 KVA, 33/ 0.433 KV DISTRIBUTION TRANSFORMERS

Manufacturer's Name and Address :		
OFFICE ADDRESS (With telephone & Fax no.):		
WORKS ADDRESS - WHERE INSPECTION OF OFFERED MATERIAL SHALL BE CARRIED OUT (With telephone & Fax no.):		
S.No.	Perticulrs	Offered (covers in IS)
1	Service (Outdoor, continuously rated)	
2	Type (CRGO / Conventional)	
3	Continuous max. Rating under peak ambient temp. of 50°C Rated voltage :	
	(a)HV	
	(b)LV	
4	Rated current	
	(a)HV	
	(b)LV	
5	Rated Frequency	
6	No. of phases	
7	Method of connection :	
	(a)HV	
	(b)LV	
8	Vector group reference	
9	Method of cooling	
10	Max. temperature rise obtained by the transformer when run at the maximum ambient temp. of 50 ° C	
	(a) Of top oil by thermometer	
	(b) Of winding by resistance	
11	Hottest spot temperature, at rated current and voltage,at ambient temp. of 50 ° C	
12	Max. guaranteed No Load loss, at rated voltage and rated frequency	
13	Total losses at rated current and at 75 ° C	
	i) At 50% loading	
	ii) At 100% loading	
14	Percentage impedance at full load and at 75 ° C	

15	Percentage resistance at full load and at 75 ° C	
16	Percentage reactance at full load Efficiency at 75 ° C :-	
	a) At unity power factor :-	
	i) At 125% of full load	
	ii) At 100% of full load	
	iii) At 75% of full load	
	iv) At 50% of full load	
	v) At 25% of full load	
	b)At 0.8 power factor :-	
	i) At 125% of full load	
	ii) At 100% of full load	
	iii) At 75% of full load	
	iv) At 50% of full load	
	v) At 25% of full load	
17	Maximum efficiency	
18	Load at which maximum efficiency occurs	
19	% regulation at full load & at 75 ° C:	
	a)At unity power factor	
	b)At 0.8 power factor	
20	Max. fluxdensity at rated voltage and rated frequency	
21	Percentage no load current at rated frequency	
	(without any positive tolerance)	
	a) At rated voltage	
	b)At 112.5% rated voltage	
22	Insulation level of transformer :-	
	a) Impulse strength of HV	
	b)Power frequency withstand voltage	
	HV	
	LV	
23	H V Bushing details:-	
	(a) Rating of the bushing	
	(b) Impulse strength	
	(c) Power frequency withstand voltage, dry and wet	
	(d) IS reference	
24	LV Bushing details :-	
	(a) Rating of the bushing	
	(b) Power frequency withstand Voltage, dry and wet	
	(c) IS reference	
25	H V coil constructional details:-	
	(a) type of winding	
	(b)No. of coils per phase	
	(c)Conductor cross Section(min.)	
	(d)Bare conductor dia	
	(e)Covered conductor dia	
	(f) ` Phase current (H V)	
	(g)Current density	
	(h)Coil I. D	
	(i)Coil O.D	
	(j)Coil axial length	

	(k) Total no. of turns per phase	
	(l) Resistance per ph. at 75 ° C	
	(m) Weight of covered conductor per transformer	
	(n) Inter layer insulation	
	(0) No. of vertical spacers per circle (in the annular gap between LV & HV)	
26	LV coil constructional details:-	
	(a) type of winding	
	(b)No. of coils per phase	
	(c) Conductor cross section(min.)	
	(d)Bare conductor size	
	(e)No. of conductors in parallel	
	(f)Covered conductor size	
	(g)Phase current (L V)	
	(h)Current density	
	(i)Coil I. D.	
	(j)Coil O.D.	
	(k)Coil axial length	
	(l)Total no. of turns per phase	
	(m) Resistance per phase at 75 ° C	
	(n) Weight of covered conductor per transformer	
	(o) Inter layer insulation	
	(p) No. of vertical spacers per circle	
27	Minimum external clearances in air (with B M C s mounted)	
	(a) HV phase to phase	
	(b) HV phase to earth	
	(c) LV phase to phase	
	(d) LV phase to earth	
28	Minimum internal clearances (in oil)	
	(a)Between HT outside surface and tank inside (non bushing side)	
	(b)Between HT outside surface & tank inside (HV & LV bushing side)	
	(c)Between HV windings and yokes (end insulation)	
	(d)LV windings & yokes	
	(e) From top of yoke to inside of top cover of tank (with gasket)	
	(f)LT / HT coil annular gap. (bare Conductor)	
	(g)Radial clearance between core & LV coil (Bare conductor)	
	(h)Phase to phase Clearance between Limbs (HV Conductors), with a minimum of 2 Nos. x 1mm Press board covering the tie rods	
	(i) Minimum thickness of locking Spacers between HV coil sections (including 1 mm ring of press board)	
	(j) Maximum clearance of core	
29	channels from tank walls at each end Tank details :-	
	(a) Clear inside tank dimensions:	
	(i) Length	
	(ii) Breadth	
	(iii) Height	
	(b) Tank sheet thickness	
	(i) Sides	

	(ii) Top	
	(iii) Bottom	
	(c) Tank stiffener details	
	(i) No. of stiffeners around the tank	
	(ii) Size	
30	Cooling radiator details :	
	(a) Cooling tube size	
	(b) Total length of tubes used	
	(c) Whether cooling calculations attached?	
	(d) No. of tubes on each side	
31	Size of core frame channels	
32	Tie rod details	
33	Core stud details	
34	Core coil assembly base supports (2 Nos)	
35	Transformer weight details:	
	(a) Core coil assembly	
	(b) Tank with fittings	
	(c) Oil weight	
	(d) Total weight of transformer	
	(e) Volume of oil (minimum quantity for first filling)	
36	Overall dimensions	
	(a) Length	
	(b) Breadth	
	(C)Height	
37	Whether the bidder is an ISO : 9001 / 9002 certified company?	

Sign. & Seal of bidder

ANNEXURE-XIV

**PART-II (PRICE BID) for NIT No. RSM/ SBU&PC-LS/GGM(LS)/Cont.-09/14-15 Dated 25.02.15 FOR TRANSFORMER
(To be given in separate sealed cover)**

Due date for opening: The due date will be intimated to successful bidders after opening of Part-I i.e. Techno-commercial bid.

Name of the bidder _____

S. No.	Description	Basic Price	Discount	P&F Charges	Excise Duty	VAT/ CST	Freight, Insurance	Other Charges, if any	Total Landed Cost at destination
1	Out Door Type Power Transformer 3-Phase, 1600 KVA, 33/0.440 KV,50 Hz, Copper Wound, Oil Filled (ONAN), Ref-IS-2026, % impedance & % Regulation as per latest IS, Vector Group Dyn11, Max. Ambient Temp-50 Degree Centigrade, Bushing on HT Side & Bus Duct on LT Side, Bearing capacity of 1900 Amp. at LT side, Off Load tap changer in 5/7 steps ± 5%, Transformer with first transformer oil filling with Complete Protective & Measuring Accessories & other parameters as per relevant IS code with latest amendments including transportation (loading & unloading) & Installation & Commissioning at site Sanu Mines, Jaisalmer (Raj.)								

1. Please quote the duties and taxes as per applicable rate (on the date of opening of Part I of the offer).
2. Price shall remain firm and fixed during the period of contract except price variation formula.
3. Escalation/de-escalation will be provided /passed on to RSMML, as the case may be in respect of Statutory Duties and Taxes subject to production of documentary proof.
4. **You may please indicate item wise price break-up/justification of your quote along with price bid, if required.**
5. Please enclose separate sheet in given format, if required.
6. It is advisable to visit our site before quoting rates, so as to be well acquainted with our site conditions, nature of load, approach to site of installation & other information/ clarification (if any) desired by Company/Tenderer.

Place& Date

Signature of Tenderer with official stamps