



**ODISHA POWER TRANSMISSION CORPORATION LTD.**  
**(A Govt. of Odisha Undertaking)**  
**OFFICE OF THE G.M.[ELECT] E.H.T. (O&M) CIRCLE JAJPUR ROAD**  
**AT/PO.FERROCHROME PROJECT ROAD JAJPUR ROAD**  
**FAX/PH NO. (06726- 220965) Off. E-mail.id. ehtm.cle.jjp@optcl.co.in**  
**CIN:U401020R2004SGC007553**

NO: /Tech/CR-41/

1696

Dated.

23/12/15

**e- TENDER CALL NOTICE NO.03/ 2015-16.**

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD  
**General Manager,(Elect) EHT(O&M) Circle, Jajpur Road** invites tender from Civil contractors in two parts bidding system having civil contract license ' C' or ' B' class for extension of existing control room building at Grid S/S Jajpur Road. The interested contractors would be required to enroll themselves on the tender portal [www.tenderwizard.com/optcl](http://www.tenderwizard.com/optcl). Complete set of bidding documents are available at [www.tenderwizard.com/optcl](http://www.tenderwizard.com/optcl). From 29.12.2015 (10.00Hrs) up to 27.01.2016 (12.30Hrs). Interested contractor may visit optcl website <http://www.optcl.co.in> and [www.tenderwizard.com/optcl](http://www.tenderwizard.com/optcl) for details enquiry.

NB:- All subsequent addendum/corrigendum to the tender shall be hoisted in the optcl official website <http://www.optcl.co.in> and [www.tenderwizard.com/optcl](http://www.tenderwizard.com/optcl) only.

General Manager(Elect)  
EHT(O&M) Circle,OPTCL,Jajpur Road.



**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Govt. of Odisha Undertaking)

Regd. Office: Janapath Bhubaneswar-751022

OFFICE OF THE G.M.(ELECT)EHT(O&M)CIRCLE, JAJPUR ROAD.

Fax/Phone No.06726-220965(off) E-mail.id.ahm.cle.jjp@optcl.co.in

CIN:U40102OR2004SGC007553

NO :Tech/ CR-41/

Dated.

**SECTION-I**

**e-TENDER CALL NOTICE NO. JRD/03 /14-15**

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD  
General Manager,(Elect) EHT (O&M) Circle,OPTCL Jajpur Road invites bids  
under two parts bidding system in e-tendering mode only for extension of existing  
control room building at 132/33KV Grid Sub-Station ,Jajpur Road as per the  
following details:-

Sl No	Description of works	Unit	Qty	Cost of tender paper (NonRefundable)	EMD	Tender Processing fees.
1	<p style="text-align: center;"><b><u>CIVIL</u></b></p> <p><b><u>PORTION</u></b> Earthwork in all kinds of soil in excavation of foundation trenches for columns, basement, tie beams, walls and steps in all kinds of soil including moorum, hard stony earth and earth mixed with boulders except sheet rocks and boulders requiring blasting with 50 Mtr leads and 1.5 Mtr lifts including dressing and leveling the bed sides up to required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&amp;P for shoring, shuttering, dewatering if required</p>	70.730	Cum.	6,300/-	15,000/-	1,672/-

	etc. complete as per the drawing, designing including cost of all labour, T&P etc. as required for the work complete as directed by the Engineer-in-charge.					
2	Providing & laying cement concrete of prop. (1:3:6) in foundation bed and floors using 40mm nominal size down graded, screened, washed hard black crusher broken granite metal of approved quality & from approved quarry including laying in the layers not exceeding 150 mm thick, hoisting, lowering, laying, watering and curing etc. complete to the required levels including cost, conveyance, royalty and taxes of all materials, cost of all labour, T&P etc. as required for the work complete and as per direction of Engineer-in-charge.	8.441	Cum.			
3	R.C.C. work of M-20 grade with 20mm and down grade hard black crusher broken granite stone chips of approved quality from approved quarry including hoisting, lowering, laying and compacting concrete, watering and curing, centering, shuttering and finishing the exposed surfaces smooth with cost, conveyance, royalties, taxes of all materials with all labour and T&P required for the work etc. complete in all respect but excluding the cost and conveyance of M.S. rods or Tor steel and binding wire of 18 to 20 gauge and excluding labour charges for straightening, cutting, bending, binding and tying the grills and placing proper position as per direction of Engineer-in-charge.					



	Column base.	2.040	Cum.			
	Column Sub-Structure	1.350	Cum.			
	Tie Beam	2.608	Cum.			
	Column Superstructure	6.637	Cum.			
	Floor beam, Roof roof, & head room Beam	9.960	Cum.			
	Roof Slab	11.270	Cum.			
	Lintel	1.630	Cum.			
	Chajja	4.870	Sqm.			
	Stair Case	4.160	Cum.			
4	<p>Straightening bent up or coiled rods, cutting, bending, cranking, hooking, welding or jointing (if required), the M.S. rods or Tor steel and binding, tying the grills, hoisting, lowering and placing in proper position as required for R.C.C. works including cost, conveyance and taxes of M.S. rods or Tor Steel (Rerolling Steel bar shall not be used and should be from reputed manufacture like SAIL /RINL/TATA) and binding wires of 18 to 20 gauge and labour with all T&amp;P required for the work etc. complete in all floors (weight of binding wires will not be considered for payment and payment will be made on weight of M.S. rods or Tor Steel only.) as per direction of Engineer-in-charge.</p>	30.330	qntl.			
5	1 <sup>st</sup> Class Fly Ash brick work in cement motar (1:6) using Fly ash					

	brick of approved quality and to the IS specification having crushing strength from 75 Kg/cm <sup>2</sup> to 99 Kg/cm <sup>2</sup> free from cracks, well shaped, uniform in size and shall produce a clear metallic ringing sound when struck includes molding, chamfering, corbelling etc.complete as per drawing, design and specification including racking out, joints, watering, curing, scaffolding and cost of all materials, labour, T&P, carriage, royalty, taxes etc. and as per direction of Engineer in charge for the following finished item of works.					
	<b>Foundation &amp; Plinth.</b>	10.968	Cum.			
6	1 <sup>st</sup> Class Fly Ash brick work in cement mortar (1:6) using Fly ash brick of approved quality and to the IS specification having crushing strength from 75 Kg/cm <sup>2</sup> to 99 Kg/cm <sup>2</sup> free from cracks, well shaped, uniform in size and shall produce a clear metallic ringing sound when struck includes molding, chamfering, corbelling etc.complete as per drawing, design and specification including racking out joints, watering, curing, scaffolding and cost of all materials, labour, T&P, carriage, royalty, taxes etc. and as per direction of Engineer in charge for the following finished item of works.					
	Super Structure					
	250 mm wall	50.330	Cum.			
	125 mm wall	4.000	Cum.			

7	16 mm. thick inside cement plaster in cement mortar (1:6) over uneven surface of brick/R.C.C. walls after racking out the joints finished smooth with proper line, plumb, watering, curing for 7 days with cost, conveyance, royalties, taxes of all materials and cost of all labour, T&P etc. as required for the work complete as per direction of the Engineer-in-charge.	356.000	Cum.			
8	Providing 12 mm. thick ceiling plaster in cement mortar of proportion (1:4). after racking out the joints finished smooth to proper line and plumb, watering, curing for 7 days with cost, conveyance, royalties, taxes of all materials, cost of all labour, T&P etc. as required for the work complete as per direction of the Engineer-in-charge.	88.270	Cum.			
9	Providing 12 mm. thick outside cement plaster in cement mortar of proportion (1:4) over R.C.C. walls, beams, column etc. after racking out the joints finished smooth to proper line and plumb, watering, curing for 7 days with cost, conveyance, royalties, taxes of all materials, cost of all labour, T&P etc. as required for the work complete as per direction of the Engineer-in-charge.	291.540	Cum.			
10	Providing 25mm thick <b>grading concrete</b> in C.C. (1:2:2) in roof slab with 6mm size & downgraded black hard crusher broken granite chips including watering and curing for 7 days including chipping & cleaning the roof surface with all cost, conveyance, royalty and taxes of	40.510	Cum.			



	all materials, labour, T&P etc. as per direction of Engineer-in-charge.					
11	Providing <b>Cement washing</b> one coat with approved quality and shade of water proofing cement paints over a coat of cement wash to plastered surface with brush including cleaning the surface watering, curing, cost of cement paint, taxes, labour charges, T&P etc. complete as per direction of Engineer-in-charge.	735.810	Sqm.			
12	<b>Inside &amp; Out side wall painting</b> with <b>cement primer</b> one coat including cleaning the surface, with taxes, labour charge. T&P required for the work complete in all respect as per direction of Engineer-in-charge.	735.81	Sqm.			
13	<b>Out side wall painting</b> with <b>weather coat</b> paint (two coats) including cleaning the surface, with taxes, labour charge. T&P required for the work complete in all respect as per direction of Engineer-in-charge.	291.54	Sqm.			
14	<b>Inside painting</b> with 2 coats of <b>oil bound distemper</b> including cleaning the surface, with taxes, labour charge. T&P required for the work complete in all respect as per direction of Engineer-in-charge.	444.27	Sqm.			
15	Providing & injecting chemical emulsion for pre constructional antitermite treatment as per I.S & creating a chemical barrier in bottom & sides of foundation trenches, top surface of plinth filling junction of walls & floors	55.550	Sqm.			

	along with external perimeter of the building expansion joints surrounding the pipes & cables etc. complete using approved quality of chemical emulsion of requisite quantity prescribed by the manufacturer as directed by the Engineer-in-charge including cost of materials & labour, taxes, etc. complete. (Indemnity bond for warranty for 5 years to be furnished)					
16	Painting two coats of <b>synthetic enamel paint</b> over iron / wood works as per approved shade of approved quality over a coat of primer, sand papering, polishing the surface including cost, conveyance, taxes of all materials cost of all labour, T&P etc. in all floors as required for the work complete as per direction of Engineer-in-charge. (Paints and primer will be supplied by the contractor) (For all floors)	69.570	Sqm.			
17	Supplying, fitting and fixing 12mm thick <b>marble flooring</b> in steps of approved quality, texture and more than 0.40 Sqm size for flooring set on 25mm thick cement mortar (1:1) bedding and joined with cement slurry and joints pointed with cement and admixture of pigments to match the shade of the tiles, pressed properly and curing and cleaning the surface with chemical solutions and polishing the top surface properly with oil and wax including cost, conveyance, royalty, taxes of all materials, all labour, T&P required for the work complete as per direction of the Engineer-in-charge.	17.920	Sqm.			



18	<p>Supplying, fitting and fixing ceramic floor tiles in floors of size (300 x 300mm) of approved make &amp; approved shade set on 25mm thick cement mortar (1:1) bedding and joined with cement slurry and joints pointed with cement and admixture of pigments to match the shade of the tiles, pressed properly and curing and cleaning the surface with chemical solutions and polishing the top surface properly with oil and wax including cost, conveyance, royalty, taxes of all materials, all labour, T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	94.750	Sqm.			
19	<p>Supplying, fitting and fixing ceramic wall tile in toilets of approved make &amp; approved shade of size (200 x 300mm) for cladding set on 12mm thick cement mortar (1:3) and joined with cement slurry and joints pointed with cement and admixture of pigments to match the shade of the tiles, pressed properly and curing and cleaning the surface with chemical solutions and polishing the top surface properly with oil and wax including cost, conveyance, royalty, taxes of all materials, all labour, T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	15.610	Sqm.			
20	<p>Supplying, fitting &amp; fixing of window grill to be fixed into the walls etc. made up of 30 x 30 x 5mm size M.S angle frames with internal grills of 20 x 6mm M.S flats etc. complete for all floors as per approved drawing and design, cutting to required size and welding properly, finished smooth and sand papering,</p>	539.720	kg.			

	painting one coat with red oxide primer, including cost, conveyance, taxes of all materials, T&P etc. as required for the work complete as per direction of the Engineer-in-charge. (Weight certificate way measurement will be produce at the time of bill)					
21	Supplying, fitting, fixing up window (sliding type) made up aluminum Section 151-154, 151-155, as windows frame section No. 151-155, 151-153 and 151-167 as shutter frame with 5mm thick black glass as panel fitted with rubber bending including lucking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-in-charge.	16.720	Sqm.			
22	Supplying, fitting and fixing of Door chowkath of different sizes in respective position in all foors including Conveyance, royalties, taxes of all materials Labor charges. T&P etc, complete in all respect including loading and unloading.	19.360	m.			
23	Supplying, Fitting and fixing of Door shutters of different sizes in respective position in all foors including Conveyance, royalties, taxes of all materials Labor charges. T&P etc, complete in all respect including loading and unloading.	13.980	Sqm.			
24	<b>Stainless steel handrail</b> 750 mm high over finished level of staircase with 75Ø top handrail, 50 Ø vertical members & 2 layers of 25Ø stiffeners to vertical bars. The members to be welded, bent in a geometric shape wherever	55.48	Mtr.			

	necessary including Conveyance, royalties, taxes of all materials Labour charges. T&P etc, complete in all respect including loading and unloading.					
25	Filling foundation trenches and plinth with <b>excavated earth</b> including laying the earth in layers not exceeding 23.5 cm. (9") thick ramming and watering well with initial leads and lifts T&P etc. complete as directed by the Engineer-in-charge.	47.890	Cum.			
26	<b>Internal water supply &amp; sanitary installation &amp; external P.H. work as well as supply of sanitary materials . Wash basin-02 nos. with mirror, Western latrine-01no, shower fittings ,water tape-5nos ,PVC pipe fittings-50mtrs . (Sanitary make- Jaquar/Hindware/Plaza as per instruction of site Engineer</b>		LS			
27	<b>Electrical installation for both internal &amp; external as well as supply of material.(5Amp point-15 nos,fitting Amp- 05nos,AC point-03nos,32Amp MCB-07Nos,DP switch-04nos, with relevevant ISI mark(Make- L&amp;T/Legrand/Finolex cable or Havels) conceiled conduit wireing with modular switch fittings as per instruction of site Engineer</b>		LS			

The bidders can view the tender documents from website free of cost.



SECTION-II

**INSTRUCTION TO BIDDER**

The bidders who want to submit bid shall have to pay Rs 6300/- (Rupees Six thousand three hundred only non refundable including VAT @ 5%) towards the tender cost, in the form of Demand draft/Cash only, drawn in favour of EHT (O&M) Circle Jajpur Road at the office of the undersigned on or before the last date & time of submission of tender.

The bidders shall have to submit non refundable amount of Rs1,672/- towards the tender processing fee in the form of Demand draft, drawn in favour of K.S.E.D.C. Ltd, Payable at Bangalore. The said demand draft is to be submitted along with the EMD & tender cost at the office of the undersigned on or before the last date & time of submission of tender. Processing fee payment can also be made directly through e-payment gateway by debit card, credit card or net banking.

The bidders shall scan the Demand Draft/Pay order/ Bank guarantee towards EMD, Tender Cost and tender processing fee and upload the same in the prescribed form in .gif or .jpg format in addition to sending the original as stated above. The prospective bidders are advised to register their user ID, Password, company ID from website [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) by clicking on hyper link "Register Me". Any clarifications regarding the scope of work and technical features of the tender can be had from the undersigned during office hours. The bidder can view the tender documents from website free of cost. The bidders who want to submit bid shall have to pay Rs.6300.00 (Rupees six thousand three hundred )only Non refundable including VAT @ Rs.5% towards the tender cost, in the form of Demand draft/Cash only, drawn in favour of EHT (O&M) Circle, OPTCL, Jajpur Road at the time of the undersigned on or before the last date and time of submission of tender. The bidders shall have to submit non-refundable amount of Rs1,672/-Rupees One thousand six hundred seventy two) only towards the tender processing fee in the form of demand draft drawn in favour of K.S.E.D.C. Ltd. Payable at Bangalore. The same demand draft is to be submitted along with the EMD and tender cost at the office of the undersigned on or before the last date and time of submission of tender. The bidders shall scan the demand draft/pay order/Bank guarantee towards EMD ,tender cost and tender processing fees and upload the same in the prescribed form in .gif or .JPJ format in addition to the sending the original as stated above. The prospective bidders are advised to register their user Id ,password, company Id from Website [www.tenderwizard .com/optcl](http://www.tenderwizard.com/optcl) by clicking on hyperlink " Register Me" .Any clarifications regarding the scope of work and tech. feature of the tender can be had from the undersigned during office hours. Minimum qualification criteria of bidders : As stipulated in the tender specification.



## **1.Submission of Bids: -**

The bidder shall submit the bid in Electronic Mode only i.e **www.tenderwizard.com/OPTCL**. The bidder must ensure that the bids are received in the specified website of the OPTCL by the date and time indicated in the Tender notice. Bids submitted by telex/telegram will not be accepted. No request to collect the Bids in physical form will be entertained by the OPTCL.

The OPTCL reserves the right to reject any bid, which is not submitted according to the instruction, stipulated above. The participants to the tender should be registered under IT Act / Service tax Act.

1. For all the users it is mandatory to procure the Digital Signatures.

2. Contractors / Vendors / Bidders are requested to follow the steps below for Registration:

- a. Click "Register", fill the online registration form.
- b. Pay the amount of Rs. Rs. 2290/- (including service tax) through DD in favour of KSEDC Ltd. Payable at Bangalore. This registration is valid for one year.
- c. Send the acknowledgment copy for verification.
- d. As soon as the verification is being done the e-tender user id will be enabled.

3. After viewing Tender Notification, if bidder intends to participate in tender, he has to use his e-tendering User Id and Password which has been received after registration and acquisition of DSCs.

4. If any Bidder wants to participate in the tender he will have to follow the instructions given below:

- a. Insert the PKI (which consist of your Digital Signature Certificate) in your System.  
(Note: Make sure that necessary software of PKI be installed in your system).
- b. Click / Double Click to open the Microsoft Internet Explorer (This icon will be located on the Desktop of the computer).
- c. Go to Start > Programs > Internet Explorer.
- d. Type [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) in the address bar, to access the Login Screen.
- e. Enter e-tender User Id and Password, click on "Go".
- f. Click on "Click here to login" for selecting the Digital Signature Certificate.
- g. Select the Certificate and enter DSC Password.
- h. Re-enter the e-Procurement User Id Password.

5. To make a request for Tender Document, Bidders will have to follow the steps mentioned below .

- Click "Un Applied" to view / apply for new tenders.
- Click on Request icon for online request.

•Enter the required fields including details of D.D for tender Processing fee.

6. After making the request Bidders will receive the Bid Documents which can be checked and downloaded by following the below steps:
- Click to view the tender documents which are received by the user.
  - Tender document screen appears.
  - Click "Click here to download" to download the documents.
7. After completing all the formalities Bidders will have to submit the tender and they must take care of following instructions.
- Prior to submission, verify whether all the required documents have been attached and uploaded to the particular tender or not.
  - Note down / take a print of bid control number once it displayed on the screen.
8. Tender Opening event can be viewed online.
9. Competitors bid sheets are available in the website for all.
10. **For any e-tendering assistant contact help desk number mentioned below.**
- Bangalore – 080- 40482000.**  
**Satya-09937140591**

*Satya*  
23/12/15

General manager(Electrical)  
EHT(O&M) Circle ,OPTCL,Jajpur Road



## SECTION-III

### GENERAL TERMS & CONDITIONS.

- 1.SCOPE OF CONTRACT:-** The scope of contract covers extension of existing control room building at 132/33KV Grid Sub-Station ,Jajpur Road as per the technical specification and price schedule at Annexure-I. including supply of all materials labour & T&P in all respect to complete the work.
- 2. PRICE:-** The bidders are advised to quote their rates as per price schedule Annexure-I The price should be firm and shall cover all incidental expenses towards execution of work including T&P etc.
- 3.EXECUTION PERIOD:-** The work shall be carried-out & completed within 180 days from the date of issue of work order. The authority however reserves the right to schedule the work programme.
- 4.EXTENSION OF TIME :-** If the work could not be completed due to reasons beyond the control of Contractor, he shall without delay give notice to the Authority in writing for an extension of time. The Authority on receipt of such notice may agree to extend the completion period as may be reasonable but without prejudice to other terms and conditions of the contract.
- 5. VALIDITY:-** The Tenders are requested to keep the validity of their offer for a period of 180 days from the date of opening of the tender.
- 6.TERMS OF PAYMENT:-** 100% , payment will be made after successful completion of work in all respect subject to inspection, detail verification by the verifying officer & submission of security deposit .
- 7. PENALTY FOR DELAY IN COMPLETION OF WORK:-** If the Contractor fails to complete the work within the scheduled period as stipulated in the work order, the authority shall recover penalty from the contractors bill an amount @  $\frac{1}{2}$  % of the un-completed work for each calendar week of delay subject to maximum of 5% (Five percent) of the contract value.
- 8. 8.GUARANTEE PERIOD:-**The work executed shall be guaranteed for a period of 24(Twenty four) months from the date of completion of work. The guarantee certificate shall be furnished in triplicate to the Paying Officer for his approval and same will submitted to the undersigned for approval. Any defect, if noticed during this period shall be rectified free of cost provided such defects



are due to bad workmanship, bad materials & faulty design on written notice from the authority concerned ,otherwise the security deposit shall be forfeited.

**9.VAT CLERANCE/PAN CARD/ CONTRACTOR LICENSE. :-** Clear attested Xerox copies of PAN No,VAT Clarance certificate/Civil contractor license issued by Govt. of Orissa valid on the date of opening of tender should be submitted along with tenders without which tender will be rejected. The Contractor may be requested to produce original PAN card, VAT clearance certificate , Civil contractor license and all other relevant documents for verification. Those who fail to produce the same and found not to be valid on the date of opening of tender, their tenders will be rejected. All documents of the tender should be signed by the authorized signatory .

**10.SUBMISSION OF PROOF REGARDING PAST EXPERIENCE :-** The bidders are required to submit the details of his experience if any, regarding similar work done in OSEB/GRIDCO/OPTCL/Govt. or any other agency along with the supporting document. Past experience will be considered while deciding the Bid.

**11. SECURITY DEPOSIT :-** The Tenderer whose offer qualifies for acceptance & awarded work order for the execution of the works shall have to deposit security amount equal to 10% (Ten percent) of the contract value in shape of D.D. drawn in favour of paying officer /B.G prior to execution of work, subject to fulfillment of the guarantee on receipt of application for this purpose. No interest shall be paid to the contractor towards security deposit so deposited by the contractor.

**12.COMPENSATION :-** The contractor shall be fully responsible for paying compensation, if any, under the workmen Compensation Act on account of workmen deployed by him. OPTCL will no way be responsible for payment of any compensation.

**13.E.M.D. :-** The tenderers are requested to deposit EMD Rs15,000.00 in shape of D.D. drawn in favour of GM,EHT (O&M) Circle,OPTCL,Jajpur Road payable at Jajpur Road. The EMD will be refunded to the un-successful bidders, after finalization of tender. The EMD of Successful bidder will be refunded after award of finalization of contract on submission of security deposit. The EMD submitted by the contractors along with their bids shall not carry any interest from OPTCL. The Tender without EMD will be summarily rejected.

**14. JURISDICTION OF COURT :-** Suits, if any, arising out of this contract shall, be filed by either party in the court of law to which jurisdiction of Odisha High court extends.

**15.REJECTION OF WORK:-** The tenderers shall be liable for outright rejection if the following have not being complied and the following documents are not submitted along with the tender.

- (a) Tenderer should have purchase the tender specification from the office of the G.M.EHT(O&M)Circle, Jajpur Road in his own or firms name.
- (b) Tenderer shall be submitted by person or regd. post with AD and received before the time fixed for receipt of tender.
- (c) Tenderer shall not be submitted telegraphically or by fax
- (d) Tender shall be accompanied with the prescribed earnest money deposit .
- (e) Tender shall be kept valid for a minimum 90 days from the date of opening of the Tender.
- (f) Tender shall be accompanied with clear valid attested Xerox copy of VAT clearance, PAN Card and civil contract license and proof past experience which must be valid on the date of opening of the tender. All copies of documents and each page of tender must be signed by the authorized representative of the bidder.
- (g) The tender shall not be conditional.

  
23/12/15

**GENERAL MANAGER**  
**EHT (O&M)CIRCLE, JAJPUR ROAD.**