

The image features a white background with a black border. In the center, there is a red, 3D-style rectangular box with a blue outline. The text inside the box is in a bold, black, serif font. To the right of the box, there are three blue circles of varying sizes, each composed of concentric circles in different shades of blue. Two thin blue lines cross the page diagonally from the top-left to the bottom-right.

Expression of Interest (EOI)

For

OFC Backbone under ITMS project Durg

OFFICE OF THE SUPRINTENDENT OF POLICE ,DURG, CHHATTISGARH

Durg, Chhattisgarh ,491001

Phone : 0788-232071,9479192021 Fax : 0788-2211999, E-mail :

spoficedurg@gmail.com

EOI NOTICE

EOI No. SP/DURG/AC-1/2a/2017 DURG

DATED 11/09/2017

Durg police invites sealed EOI for "Expression of Interest (EOI) For OFC Backbone under ITMS project Durg". The Information cum EOI document can be downloaded from website <http://www.cgpolice.gov.in>

S.P.
DURG

DURG POLICE invites Expression of Interest from Telecom/ Internet service provider who is having class A/B/C licenses from TRAI for providing **OFC Backbone Link and Operation & Maintenance in DURG Chhattisgarh under I.T.M.S. Project in Durg**. Proposal should include complete Information and Services Work flow for providing OFC Backbone.

Proposals received after the due date will be rejected.

The document can be downloaded from the website <https://cgpolice.gov.in> The parties are advised to study the document carefully. Submission of response to this EoI shall be deemed to have been done after careful study and examination of this document with full understanding of its implications.

Bidders must ensure that they submit all the required documents indicated in the EoI document without fail. Bids received without supporting documents for the various requirements mentioned in the tender document are liable to be rejected at the initial stage itself.

S.P. DURG reserves the right to accept or reject in part or full any or all the offers without assigning any reasons.

EOI Details		
1	Last date and time for obtaining/ submission of EoI	21/11/2017 1200 HRS
2	Date and Time of EOI Opening	21/11/2017 1300 HRS
3	Place of opening of EOI	S.P. OFFICE, COLLECTORATE CAMPUS, DURG
4	Cost of EOI document	1000/- Rs. draft by any Nationalize bank in favoer of SP, Durg
5	Address for communication	OFFICE OF THE SUPRINTENDENT OF POLICE ,DURG, CHHATTISGARH Phone : 0788-232071,9479192021 Fax : 0788-2211999,E-mail : spofiicedurg@gmail.com
	Contact to Bidders	Interested bidders are requested to send the email to above mentioned address, containing following information, so that in case of any clarification same may be issued to them Name of company, contact person, Mailing address with Pin Code, Telephone No., Fax No., email address, Mobile No. etc.

Note: EOI will be opened in presence of the bidders' representative who wants to attend

About Chhattisgarh

Chhattisgarh, a 21st century State, came into being on November 1, 2000. Larger than Tamil Nadu, it is just the right size, and is also fortunate to have a low population density. Good Governance is the highest priority in this Fast Track State. There is both policy stability as well as political stability. Government has been kept small and the State is in excellent fiscal health.

Chhattisgarh is truly a land of opportunities. With all major minerals including diamonds in abundance, it is the richest State in mineral resources. There are mega industries in Steel, Aluminium and Cement. Chhattisgarh contributes substantially to the Human Resources of India. Several hundred students from the State qualify for admissions in prestigious academic institutions every year. Bilai, the knowledge capital of the State, alone sends over 50 students to the elite Indian Institutes of Technology every year.

Its large power surplus is attracting power-intensive industries, and the State is poised to become the power-hub of the nation. Its central location helps easy power transmission to any part of the country.

12% of India's forests are in Chhattisgarh, and 44% of the State's land is under forests. Identified as one of the richest bio-diversity habitats, the Green State of Chhattisgarh has the densest forests in India, rich wildlife, and above all, over 200 non-timber forest produces, with tremendous potential for value addition.

One third of Chhattisgarh's population is of tribes, mostly in the thickly forested areas in the North and South. The central plains of Chhattisgarh are known as the "Rice Bowl" of Central India. Female literacy has doubled in the last decade, and male literacy is higher than India's average. Gender ratio is next only to Kerala. Bastar is known the world over for its unique and distinctive tribal heritage. The Bastar Dashera is the traditional celebration of the gaiety of tribals. Many virgin, unexplored tourism destinations are there in all the parts of Chhattisgarh.

About This Expression of Interest (EOI)

DURG POLICE, Chhattisgarh invites technical and financial proposals from reputed service provider company who is having class A/B/C licenses from TRAI and provide **OFC Backbone Link and Operation & Maintenance in DURG Chhattisgarh under I.T.M.S. Project.”** as detailed in the Scope of Work of this EoI. The successful bidder will supply provide Optical Fiber Network as per requirement mentioned in this EoI and O&M up to 5 years.

Scope of Work:-

- 1) SP Durg, Chhattisgarh, invites the proposal for “Implement and Manage OFC for City Surveillance and Integrated Traffic Management System for Durg City.

The scope of work necessarily, but not exclusively includes the following activities:-

- a. OFC backbone
- b. Operation and Maintenance for a period of 5 years

- 2) SP Durg has floated a separate tender Design, Supply, Installation, Testing, Commissioning and Maintenance of City Surveillance System and Integrated Traffic Management System, DURG City. The Service provider is responsible for providing OFC backbone and its Operation & Maintenance for a period of 5 years. The scope of work under this agreement includes:-

1. OFC Backbone for Phase 1
2. OFC Backbone for Phase 2
3. Operation and Maintenance for a period of 5 years

The details of Links covered under the project are mentioned as below:

The Scope of work is divided in Phase 1 and Phase 2:

The project will be complete in two phases. The below are the details of Junction's and locations for Phase 1 and Phase 2.

Phase 1 Junction				
No	POLICE STATION	NAGAR NIGAM	PLACE	No-of Roads
1	PULGAON	DURG	ANJORA CHOWK	3
2	SUPELA	BHILAI	GURUDWARA	3
3	CHHAWANI	BHILAI	POWER HOUSE CHOWK	4
4	OLD BHILAI	OLD BHILAI	SIRSAGATE	3
5	KUMHARI	KUMHARI	STATION CHOWK KUMHARI	4
6	MOHAN NAGAR	DURG	KARHIDH CHOWK EXIT DHAMDHA	4

7	BHILAI NAGAR	BHILAI	FAWWARA CHOWK	4
8	PULGAON	DURG	PULGAON CHOWK	4
9	DURG	DURG	PATEL CHOWK	4
10	SUPELA	BHILAI	SUPELA CHOWK	4
11	SUPELA	BHILAI	CHANDRYA MOURYA CHOWK	4

Phase 2 Junction's

No	POLICE STATION	NAGAR NIGAM	PLACE	No-of Roads
1	CHHAWANI	BHILAI	RAMLU CHOWK (18 NO)	3
2	CHHAWANI	BHILAI	OVER BRIDGE CHHAWANI	2
3	CHHAWANI	BHILAI	TEEN DARSHAN MANDIR	3
4	CHHAWANI	BHILAI	CIRCULAR MARKET	3
5	JAMUL	BHILAI	ACC CHOWK	3
6	JAMUL	BHILAI	BOGDA PULIYA	3
7	JAMUL	BHILAI	CHHAWANI CHOWK	4
8	KHURSIPAR	BHILAI	KHURSIPAR GATE TIRAHA	3
9	KHURSIPAR	BHILAI	DABRA PARA	3
10	KHURSIPAR	BHILAI	TRANSPORT NAGAR CHOWK	3
11	SUPELA	BHILAI	NEHARU NAGAR CHOWK OVER BRIDGE	3
12	SUPELA	BHILAI	AVANTI BAI CHOWK	4
13	SUPELA	BHILAI	BSR CHOWK JUNWANI	4
14	SUPELA	BHILAI	KPS CHOWK NEHARU NAGAR	3
15	SUPELA	BHILAI	JAI HIND CHOWK SMRITI NAGAR	4
16	SUPELA	BHILAI	AKASH GANGA MARKET	4

Phase 2 Junction's				
No	POLICE STATION	NAGAR NIGAM	PLACE	No-of Roads
17	BHILAI NAGAR	BHILAI	GLOBE CHOWK	4
18	BHILAI NAGAR	BHILAI	2.5 MILIYANTAN CHOWK	4
19	BHILAI NAGAR	BHILAI	PANTHI CHOWK	3
20	BHILAI NAGAR	BHILAI	JP CHOWK	4
21	BHILAI BHATTI	BHILAI	MURGA CHOWK	4
22	BHILAI BHATTI	BHILAI	BORIYA GATE	4
23	NEWAI	BHILAI	MAITRI KUNJ CHOWK	4
24	NEWAI	BHILAI	BRP CHOWK	3
25	OLD BHILAI	BHILAI 03	HATHKHOJ	3
26	OLD BHILAI	BHILAI 03	UMDA CHOWK	3
27	OLD BHILAI	BHILAI 03	PURAINA CHOWK	4
28	OLD BHILAI	BHILAI 03	IN FRONT CHARODA HANUMAN MANDIR	3
29	OLD BHILAI	BHILAI 03	BHILAI 03 MARKET	3
30	DURG	DURG	JAIL TIRAHA	3
31	DURG	DURG	UTAI TIRAHA (GHANDHI CHOWK)	3
32	DURG	DURG	MAHARAJA CHOWK	4
33	DURG	DURG	GUNJ PARA CHOWK	3
34	DURG	DURG	BUS STAND CHOWK	4
35	DURG	DURG	SADAR SARAFI MARKET	3
36	DURG	DURG	RAJENDRA PARK CHOWK	4
37	DURG	DURG	TAKIYA PARA CHOWK	3
38	DURG	DURG	KANHIYA PURI CHOWK	3

Phase 2 Junction's				
No	POLICE STATION	NAGAR NIGAM	PLACE	No-of Roads
39	DURG	DURG	PRAGATI MAIDAN TIRAHA BORSI	3
40	DURG	DURG	SOCIATY CHOWK BORSI	3
41	DURG	DURG	CIVIL LINE SAI MANDIR CHOWK NEAR STADUIM	4
42	DURG	DURG	CHANDI MANDIR CHOWK	4
43	MOHAN NAGAR	DURG	MALVIYA NAGAR CHOWK	4
44	MOHAN NAGAR	DURG	Y SHAPE BRIDGE	3
45	MOHAN NAGAR	DURG	GREEN CHOWK	5
46	MOHAN NAGAR	DURG	STATION ROAD (NEAR SCORPIAN BAR)	3
47	MOHAN NAGAR	DURG	AGRSEN CHOWK	4
48	MOHAN NAGAR	DURG	BOGDA PULIYA DHAMDHA ROAD	4
TOTAL				

OFC Backbone details junction wise

Sr. No.	Junction From	Sr. No.	Junction to	Distance	Unit
8	PULGAON CHOWK	44	GUNJ PARA CHOWK	2.50	KM
44	GUNJ PARA CHOWK	9	PATEL CHOWK	1.50	KM
45	BUS STAND CHOWK	47	RAJENDRA PARK CHOWK	0.50	KM
47	RAJENDRA PARK CHOWK	54	MALVIYA NAGAR CHOWK	1.80	KM
54	MALVIYA NAGAR CHOWK	55	Y SHAPE BRIDGE	2.50	KM
55	Y SHAPE BRIDGE	2	GURUDWARA	2.50	KM
2	GURUDWARA	22	NEHARU NAGAR CHOWK OVER BRIDGE	0.90	KM

10	SUPELA CHOWK	11	CHANDRYA MOURYA CHOWK	1.30	KM
11	CHANDRYA MOURYA CHOWK	14	TEEN DARSHAN MANDIR	1.00	KM
14	TEEN DARSHAN MANDIR	3	POWER HOUSE CHOWK	1.60	KM
3	POWER HOUSE CHOWK	19	KHURSIPAR GATE TIRAHA	1.70	KM
19	KHURSIPAR GATE TIRAHA	20	DABRA PARA	1.50	KM
20	DABRA PARA	40	BHILAI 03 MARKET	2.50	KM
40	BHILAI 03 MARKET	4	SIRSAGATE	1.20	KM
4	SIRSAGATE	39	IN FRONT CHARODA HANUMAN MANDIR	3.80	KM
39	IN FRONT CHARODA HANUMAN MANDIR	5	STATION CHOWK KUMHARI	9.50	KM
				36.30	

OFC backbone details junction wise

Sr. No.	Junction From	Sr. No.	Junction to	Distance	Unit
9	PATEL CHOWK	42	UTAI TIRAHA (GHANDHI CHOWK)	0.27	KM
27	AKASH GANGA MARKET	10	SUPELA CHOWK	0.23	KM
9	PATEL CHOWK	46	SADAR SARAFI MARKET	0.29	KM
32	MURGA CHOWK	3	POWER HOUSE CHOWK	0.90	KM
9	PATEL CHOWK	48	TAKIYA PARA CHOWK	0.95	KM
3	POWER HOUSE CHOWK	13	OVER BRIDGE CHHAWANI	0.26	KM
46	SADAR SARAFI MARKET	53	CHANDI MANDIR CHOWK	0.70	KM
3	POWER HOUSE CHOWK	15	CIRCULAR MARKET	0.40	KM
42	UTAI TIRAHA (GHANDHI CHOWK)	52	CIVIL LINE SAI MANDIR CHOWK NEAR STADIUM	1.50	KM

13	OVER BRIDGE CHHAWANI	18	CHHAWANI CHOWK	1.40	KM
42	UTAI TIRAHA (GHANDHI CHOWK)	45	BUS STAND CHOWK	0.45	KM
14	TEEN DARSHAN MANDIR	12	RAMLU CHOWK (18 NO)	1.50	KM
48	TAKIYA PARA CHOWK	58	AGRSEN CHOWK	0.85	KM
18	CHHAWANI CHOWK	16	ACC CHOWK	1.20	KM
52	CIVIL LINE SAI MANDIR CHOWK NEAR STADUIM	41	JAIL TIRAHA	1.00	KM
16	ACC CHOWK	17	BOGDA PULIYA	1.30	KM
52	CIVIL LINE SAI MANDIR CHOWK NEAR STADUIM	49	KANHIYA PURI CHOWK	0.70	KM
18	CHHAWANI CHOWK	21	TRANSPORT NAGAR CHOWK	2.00	KM
49	KANHIYA PURI CHOWK	43	MAHARAJA CHOWK	0.85	KM
21	TRANSPORT NAGAR CHOWK	36	HATHKHOJ	0.90	KM
43	MAHARAJA CHOWK	51	SOCIATY CHOWK BORSI	1.10	KM
36	HATHKHOJ	37	UMDA CHOWK	2.60	KM
51	SOCIATY CHOWK BORSI	50	PRAGATI MAIDAN TIRAHA BORSI	0.95	KM
58	AGRSEN CHOWK	56	GREEN CHOWK	0.40	KM
56	GREEN CHOWK	57	STATION ROAD (NEAR SCORPIAN BAR)	0.35	KM
56	GREEN CHOWK	59	BOGDA PULIYA DHAMDHA ROAD	2.40	KM
59	BOGDA PULIYA DHAMDHA ROAD	6	KARHIDH CHOWK EXIT DHAMDHA	0.95	KM
22	NEHARU NAGAR CHOWK OVER BRIDGE	25	KPS CHOWK NEHARU NAGAR	0.80	KM
25	KPS CHOWK NEHARU NAGAR	24	BSR CHOWK JUNWANI	1.10	KM
24	BSR CHOWK JUNWANI	26	JAI HIND CHOWK SMRITI NAGAR	1.00	KM

24	BSR CHOWK JUNWANI	23	AVANTI BAI CHOWK	2.70	KM
22	FAWWARA CHOWK	30	PANTHI CHOWK	1.20	KM
7	FAWWARA CHOWK	34	MAITRI KUNJ CHOWK	0.65	KM
34	MAITRI KUNJ CHOWK	35	BRP CHOWK	2.60	KM
28	GLOBE CHOWK	29	2.5 MILIYANTAN CHOWK	1.80	KM
29	2.5 MILIYANTAN CHOWK	32	MURGA CHOWK	2.70	KM
29	2.5 MILIYANTAN CHOWK	31	JP CHOWK	1.10	KM
				42.05	

OFC Backbone Details Link Wise :

The following are the POINTS covered under Architecture

KUMHARI-CHARODA-SIRSA GATE-DABARA PARA-KURSIPAR-POWERHOUSE-MAURYA CINEMA-SUPELA-NEHRU NAGAR-GURUDWARA NN-Y SHAPE BRIDGE-PATEL CHOWK-MINIMATA CHOWK.

Link 1 : KUMHARI – CHARODA HANUMAN MANDIR Approx. 10 Km

A.: KUMHARI CHOWK TO KUMHARI THANA APPROX. 3KM

Link 2 : CHARODA HANUMAN MANDIR – SIRSA GATE – Approx. 2 Km

Link 3 : SIRSA GATE – DABARA PARA - Approx. 5 Km

A:SIRSA GATE - BHILAI 3 THANA-APPROX 1KM

Link 4 : DABARA PARA – KURSIPAR TIRAHA - Approx. 2 Km

Link 5 : KURSIPAR TIRAHA – POWER HOUSE - Approx. 3 Km

Link 6: POWER HOUSE – MAURYA CINEMA- Approx. 3 Km

A: POWER HOUSE – CHAWNI THANA – APPROX .5 KM

B:POWER HOUSE – JAMUL THANA –APPROX 3 KM

Link 7: MAURYA CINEMA – SUPELA CHOWK – Approx. 2 Km

Link 8 : SUPELA CHOWK – NEHRU NAGAR CHOWK - Approx. 3 Km

A: SUPELA CHOWK-SUPELA THANA –APPROX 1 KM

B: SUPELA CHOWK-CONTROL ROOM SEC-6 –APPROX 5 KM

Link 9 : NEHRU NAGAR CHOWK – GURUDWARA NN - Approx. .5 Km

Link 10: GURUDWARA NN – Y SHAPE BRIDGE - Approx. 1.5 Km

Link 11: Y SHAPE DRIDGE – PATEL CHOWK – Approx. 3 Km

A: PATEL CHOWK- MOHAN NAGAR THANA –APPROX 5KM

B:PATEL CHOWK – CITY KOTWALI – APPROX .5KM

C: PATEL CHOWK-S.P. OFFICE –APPROX 1 KM

Link 12: PATEL CHOWK – MINI MATA CHOWK – Approx. 1.5 Km

A: MINI MATA CHOWK-PULGAON THANA –APPROX 1 KM

Total 40 Km

Note: Actual length would be discovered after detailed survey by the successful bidder.

2. IMPORTANT TERMS AND CONDITION FOR SCOPE OF WORK

Any clarification on the details of the work can be obtained from the DURG POLICE.

2.1 The Network Operation centre (NOC) shall be established and operated from CONTROL ROOM SECTOR 6. The Service provider is not responsible for establishment of NOC. The service provider is responsible for providing of OFC overhead/underground as per detail provided above and testing of the same up to NOC

2.2 The Total OFC laying is as described above.

2.3 Phase is also divided in Link as mentioned in the document above (One Junction to another junction is a Link).

2.4 In case if the Service providers fails to perform their services, DURG POLICE reserves the right to terminate the contract.

2.5 The successful bidder will complete full cable laying/providing within the time period (3 months) mentioned in delivery schedule.

2.6 Final Acceptance Test (FAT) will be done by DURG POLICE or DURG POLICE nominated agency.

2.7 It is to be specifically noted that, the DURG POLICE wants the work to be done simultaneously in as many Links, as possible so that the work can be completed in the shortest possible time.

3 Roles & Responsibilities of Stakeholders

Project is envisaged to be executed in two stages:

- A) Implementation
- B) Operations & Maintenance

The roles and responsibilities of the key stakeholders during the three phases are detailed in the Responsibility Matrix below:

Responsibility Matrix

Primary: Entity with primary responsibility for an activity is expected to drive the activity and ensure successful completion.

Secondary: Entity with secondary responsibility for an activity is expected to provide support to the primary owner.

The service provider will provide the Matrix with technical solution.

The service provided who is submitting the proposal against this EoI will provide technical solution for Overhead/ OFC backbone for all the Links and 2 MbPS internet connection at every Thana and 6 MbPS connection at control room Durg and cybercell.

Selection Procedure for B2C Service Provider or B2C Service Integrator:-

1. Bidder should be a registered company/ firm in India under Indian laws and should have been in operation for a period of at least three years as on date of EOI.
2. The bidder should have in operation of Bandwidth/ Internet service provider to end customer.
3. If bidder is not having any presence in Durg/Bhilai, than provide detailed technical solution for above backbone with timeline for implementation.
4. Durg Police will select the proposal based on technical and commercial viability of the project.
5. The bidder should provide LiU/FDMS at each junction from where the System Integrator of ITMS project will Integrate the solution.
6. The bidder should provide 2 MbPS internet connection at every Thana and 6 MbPS connection at control room Durg and cybercell.
7. The bidder should maintain the OFC backbone for 5 years from date of successful installation.
8. The bidder should submit business model with responsibility matrix in technical solution document for which commercial proposal is submitted.
9. The bidder should submit the technical solution document in one envelope and financial proposal in another envelope. Both the envelope should

Notes:

1. Appropriate documentary proofs with necessary details should be attached for all above requirements
2. Authorization Letter to submit Proposal for this EoI.

General Terms and Condition:-

1. Durg police is required minimum 6 core in OFC backbone.
2. **The below schedule of delivery is applicable for the successful bidder of Phase 1 and Phase 2 its include ROW permission from various department by Contractor if required (DURG POLICE facilitate the contractor).**

Phase 1 OFC Backbone- Within 60 Days from signing of Agreement

Phase 2 OFC Backbone - Within 90 Days from release of Work Order. Phase 2 work order will be confirmed by Durg Police with in 1 year from date of signing of Agreement.

3. Bidder shall offer Services as per Table 1.0 on each port subscribed.

SLA Parameter	Standard	Premium
Service Availability	98%	99.00%
MTTR	8 Hrs	6hrs
Planned Maintenances Notice	1 Day	1 Day
Emergency Maintenance	3Hrs	2Hrs
Restoration	Best effort basis	Available

1. SERVICE ASSURANCE REMEDIES

- a. In case the Service performance is not in compliance with Table 1.0, Bidder shall provide to Customer Service Credits as mentioned below:

Type of SLA	From	Service Credit (days)
Service Availability	Less than 1% of commitment	0.5 day
	Less than 2% of commitment	1.0 day
	Less than 3% of commitment	1.5 days
	Less than 4% of commitment	2.0 days

Note: The total Service Credit in a given SLA measurement period shall not be more than 2.0 days in a quarter.

- b. At Customer's request, Bidder will calculate network availability as per the formula given below:

$$\text{Service Availability (A\%)} = \frac{\{\text{Quarter (days)} \times 24 \text{ hours} \times 60 \text{ min.}\} - \text{Valid down time}}{\text{Quarter (days)} \times 24 \text{ hours} \times 60 \text{ min}} \times 100$$

If the Service Credit days exceed by 2 days in every quarter than SP Durg will imposed the penalty as below and deduct the amount deposited in the form of DD/PBG against performance of this agreement.

- a) >2 days and up to 5 days, 5000 Rs per day basis
 - b) >5 days and up to 10 days, 10000 Rs. Per day basis
 - c) >10 days and up to 15 days, 15000 Rs. Per day basis
 - d) >15 days and up to 20 days, 20000 Rs. Per day basis
4. >20 days and up to 30 days, 30000 Rs. Per day basis