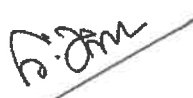


Minutes of Meeting of Tender Evaluation Committee held for the Services of;

“Independent Engineer Services for Operation & Maintenance period 4-lane divided Carriageway of Ulundurpet - Padalur section of NH-45 from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis”

1. Consequent upon the approval of Competent Authority, the Detailed Technical evaluation sheets with the Final scores were uploaded in E-Tender portal and opening of Financial Bids was scheduled at 16:00 Hrs on 22.04.2021. A Meeting Notice was issued vide this office letter no. NHAI/17012/02/07/2020/RO Madurai/E-40226/690 dated 15.04.2021 to all Members of the Committee, for opening of financial bids.
2. Accordingly, the Committee on 22.04.2021 opened the financial bids of all the qualified bidders (4 Nos.) in the Technical evaluation.
3. No Representatives of any bidder has attended the financial bid opening.
4. As per para 8 of ITC, the weightage of Technical and Financial score shall be 80% & 20% respectively. Para 5.8, Financial Proposal Evaluation of Section 2, Letter of Invitation to Consultants, describes the procedure to be adopted for arriving the most preferred bidder. Based on the above criteria, the Combined Score obtained by the bidders is tabulated hereunder:

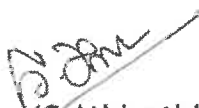


S. No	Description	M/s Artefact Projects Ltd	M/s Feedback Infra Pvt Ltd	M/s Technocrats Advisory Services Pvt. Ltd., JV with Bloom Companies LLC in Association with M/s JR Consultancy Services Pvt. Ltd., Delhi.	M/s MSV International Inc in association with MSV International Tech Pvt. Ltd., Gurugaoon.
1	BID ID	223012	223529	223626	223686
2	Technical Score (S_t)	85.47	95.825	87.82	93.4
3	$S_t \times T = 0.8S_t$	68.38	76.66	70.26	74.72
4	Price Quoted (F)	10,08,42,700	9,89,88,364	9,22,26,800	10,61,61,000
5	Lowest Price Quoted (F_m)	9,22,26,800	9,22,26,800	9,22,26,800	9,22,26,800
	$S_f = \frac{F_m}{F} \times 100$	91.46	93.17	100.00	86.87
7	$S_t \times P = 0.2 \times S_t$	18.29	18.63	20.00	17.37
8	Combined Score= $S_t \times T + S_f \times P$	86.67	<u>95.29</u>	90.26	92.09

5. In view of the above, the Tender Evaluation Committee has unanimously recommended M/s Feedback Infra Pvt Ltd (BID ID 223529, with Combined Score of 95.29) as the most preferred bidder for award of IE services for the above mentioned project, subject to fulfilment of other conditions of RFP.



(B Somasundaram)
Member



(G Athipathi)
Member



(MS Chaithanya)
Member



(Govindasamy K)
Convenor

APPENDIX C-1 : FINANCIAL PROPOSAL SUBMISSION FORM

FROM : M/s. Artefact Projects
Ltd in association with
G-Eng Advisory Services Pvt. Ltd.

TO :
Regional Officer,
National Highways Authority of India
2nd and 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road,
Mattuthavani, Madurai - 625 007

Independent Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway
of Ulundurpet – Padalur section of NH-45 from Km 192/750 to Km 285/000 – Padalur – Trichy
section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III

Subject : on BOT basis.

We, the undersigned, offer to provide the consulting services for the above in accordance with your

Request for Proposal dated 27.10.2020 and our proposal. Our attached financial proposal is for the sum of

Rs. 10,08,42,700 /-

Rupees Ten Crore Eight Lakh Fourty Two Thousand Seven Hundred only.

This amount is exclusive of the local

taxes which we have estimated at

Rs. 1,81,51,686 /-

Rupees One Crore Eighty One Lakh Fifty One Thousand Six Hundred and Eighty Six
only.

Our financial proposal shall be binding upon us up to the expiration of the validity period of the proposal, i.e.,

10.04.2021

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws
against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

Commission and gratuities, if any, paid or to be paid by us to agents relating to this proposal and contract execution, if we are awarded
the contract, are listed below:

Name and Address of Agents	Amount and Currency	Purpose of Commission or Gratuity
NA	Nil	NA

We understand you are not bound to accept any proposal you receive.

We remain, Yours sincerely,

Managing Director/Head of the
firm/Authorised Representative
of the firm*

Name of the firm

Artefact Projects Ltd in association with
G-Eng Advisory Services Pvt. Ltd.

Address

'Artefact Towers', Plot No. 54/3, Chhatrapati Square, Wardha Road, Nagpur
- 440015,

*Lead Member in case of JV

[Signature]

[Signature]

[Signature]

[Signature]



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority Of India
(Ministry Of Road Transport & Highways Government Of India)



Name of Work

Independent Engineer Services for Operation & Maintenance period of 4-lane divided carriageway of Ulundurpet - Padalur section of NH-45B from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis

APPENDIX C-2 : SUMMARY OF COSTS

NAME OF THE FIRM/COMPANY		Artefact Projects Ltd in association with G-Eng Advisory Services Pvt. Ltd.
No.	Description	Amount
	Local Consultants	
I	Remuneration for Local Professional Staff	51120000
II	Supporting Staff	9540000
III	Transportation	12000000
IV	Duty Travel to Site	1000
V	Office Rent	2400000
VI	Office Supplies, Utilities and Communication	2400000
VII	Office Furniture and Equipment	2400000
VIII	Reports and Document Printing	1177500
IX	Road Survey Equipment	19804200
	Subtotal Local Consultant	100842700
	Foreign Consultants	
	Remuneration for Expatriate Staff	0
	Mobilization and Demobilization	0
	Other Costs	0
	Sub Total Foreign Consultant	0
	Goods and Services Tax payable in India @ 18%	18151686
	Total Costs (Including Tax)	118994386

APPENDIX C-3: BREAKDOWN OF COSTS

FINANCIAL PROPOSAL

I. REMUNERATION FOR LOCAL PROFESSIONAL STAFF

S.No.	Position	Name	48 months		
			Rate	No. of man-months*	Amount
Professional Staff					
1	Team Leader cum Sr Highway Engineer	Mr. R. Bharti	200000	60	12000000
2	Highway Maintenance cum Resident Engineer	Mr. H. Khan	150000	60	9000000
3	Road Safety Expert	Mr. V. Minchala	100000	15	1500000
4	Bridger/ Structural Engineer	Mr. P. Jaiswal	125000	20	2500000
5	Sr. Quality cum Material Expert	Mr. M. Golde	80000	10	800000
6	Sr. Pavement Specialist	Mr. S. Yadav	150000	10	1500000
7	Traffic & Transportation Expert	Mr. VS Prasad	80000	15	1200000
Sub Total				190	28500000
Sub-professional					
1	Assistant Quality cum Material Engineer	TBN	60000	12	720000
2	Assistant Highway Maintenance Engineer (2 Nos.)	TBN	80000	120	9600000
3	CAD Expert	TBN	50000	20	1000000
4	Electrical Engineer	TBN	40000	10	400000
5	Horticulture Expert	TBN	50000	30	1500000
6	Quantity Surveyor	TBN	40000	10	400000
7	IT Expert (3 Nos.)	TBN	50000	180	9000000
8	Young Horticulture Expert	TBN		60	0
Sub Total				442	22620000
Total				632	51120000
* The man-month against each key personnel/sub-professional shall be same as specified in Enclosure A of TOR					
II. Support Staff					
No.	Position	Name	Staff Months	Billing Rate (₹)	Amount (₹)
1	Technical Supervisor	TBN	60	50000	3000000
2	Store Manager	TBN	60	40000	2400000
3	Accountant cum cashier	TBN	60	25000	1500000
4	Steno cum Computer Operator	TBN	60	20000	1200000
5	Vehicle Driver (2 Nos.)	TBN	120	12000	1440000
			360	Total	9540000

III. Transportation (Fixed rate on rental basis)				
The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc. for all complete approx. 3000km/month run				
S.No.	Description of Vehicles	Qty. (No. of vehicle-month)	Rate/Vehicle-Month	Amount
1	Innova/ Scorpio or equivalent (not more than 3 years old)	60	70000	4200000
2	Indica/ Mahindra Jeep or equivalent (not more than 3 years old)	120	50000	6000000
3	Motor Cycle for Sub-professional staff	180	10000	1800000
Total:				12000000

IV. Duty Travel to Site (Fixed Costs) (For all Lengths of projects):			
Trips	Number of Trips	Rate*	Amount
Site to Regional Office for Key Professionals	20 round trips (by air - economy class / train first AC / Deluxe-AC Bus)	50	1000
Total:			1000
* Rate quoted includes Hotel charges (lodging & boarding), travel cost etc. complete for one person.			

V. Office Rent (Fixed Costs)-		
Minimum 200 sqm area of office shall be rented. The office shall be located at Madurai and the office rent includes electricity and water charges, maintenance, cleaning, repairs, security etc. complete.		
Nos of Months	Rate/month	Amount
60	40000	2400000
Total:		2400000

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VI. Office Supplies, Utilities and Communication (Fixed Costs)

No. of Months	Rate/ Month	Amount
60	40000	2400000

VII. Office Furniture and Equipment (Rental)

The cost shall include rental charges towards all such furniture and equipment as required for proper functioning of the office. Office furniture shall include executive tables, chairs, visitor chairs, steel almirahs, computer furniture, conference table etc. Office equipment shall include as a minimum of telephone (2 external & 10 internal lines), photocopier (55ppm, 12000 copies per month with A3 & A4 input) fax machine, PC's (5 No., Intel Core 2 Duo E6300, 19" colour TFT, Cache - 6MB, RAM - 2GB, HDD - 250 GB, DVD Writer, Key board, optical mouse, MS- Windows Vista Business, preloaded anti virus etc.), laser printers (2 no., 14 ppm, 265 MHz, 5000 pages per month, 600 x 600 dpi or better etc., Engineering Plot printer (1 no.), binding machine (1 no.), plotter A0 size, overhead projector, AC (4 no., 1.5 Ton), Water Coolers (as required) etc.

No of Months	Rate/Month	Amount
60	40000	2400000

VIII. Reports and Document Printing

No.	Description	No. of Reports	No. of Copies per Report	Total Nos. of copies	Rate per Copy (₹)	Amount
1	Monthly reports (Design & Construction)	60	3	180	6000	1080000
2	Half Yearly Reports	10	3	30	3000	90000
3	Various others reports as provided in the Concession Agreement such as Completion Report	50	3	150	50	7500
Total:						1177500

IX. Road Survey Equipment: The cost shall include carrying out survey using equipment, manpower, software and report processing

Item	Kms	Rate per Km (INR)	No of times survey to be conducted	Amount
Surface defects detection and roughness measurement using network survey vehicle	132.32	3500	10	4631200
Pavement Strength Measurement using FWD	132.32	3500	5	2315600
Bridge inspection using Mobile Bridge Inspection Unit	7.19	50000	10	3595000
Road Signs inspection using Retro Reflectometer	132.32	3500	10	4631200
Traffic sampling using ATCC	132.32	3500	10	4631200
Total:				19804200

NOTE: The Road Survey shall be restricted to actual length

APPENDIX C-1 : FINANCIAL PROPOSAL SUBMISSION FORM

FROM : Feedback Infra Pvt. Ltd.
In association with
Sri Infotech

TO :
Regional Officer,
National Highways Authority of India
2nd and 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road,
Mattuthavani, Madurai - 625 007

Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway of
Ulundurpet – Padalur section of NH-45 from Km 192/750 to Km 285/000 – Padalur – Trichy section
of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT
basis.

Subject :

We, the undersigned, offer to provide the consulting services for the above in accordance with your
Request for Proposal dated 27-10-2020 and our proposal. Our attached financial proposal is for the sum of
INR 9,89,88,364/- (Rupees Nine Crore Eighty Nine Lakhs Eighty Eight Thousand Three
Hundred Sixty Four only) This amount is exclusive of the local

taxes which we have estimated at

INR 1,78,17,906/- (Rupees One Crore Seventy Eight Lakhs Seventeen Thousand
Nine Hundred Six only)

Our financial proposal shall be binding upon us up to the expiration of the validity period of the proposal, i.e.,

20-04-2021

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the
laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

Commission and gratuities, if any, paid or to be paid by us to agents relating to this proposal and contract execution, if we are awarded
the contract, are listed below:

Name and Address
of Agents

Amount and Currency

Purpose of Commission
or Gratuity

We understand you are not bound to accept any proposal you receive.

We remain, Yours sincerely,

Managing Director/Head of the
firm/Authorised Representative
of the firm*

Name of the firm

Feedback Infra Pvt. Ltd.
In association with
Sri Infotech

Address

15th Floor, Tower 9B,
DLF Cyber City Ph-III
Gurgaon-122002

* Lead Member in case of JV

[Signature]

[Signature]

[Signature]

[Signature]



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(Ministry Of Road Transport & Highways Government Of India)



Name of Work

Independent Engineer Services for Operation & Maintenance period of 4-lane divided carriageway of Ulundurpet - Padalur section of NH-45B from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis

APPENDIX C-2 : SUMMARY OF COSTS

NAME OF THE FIRM/COMPANY		
No.	Description	Amount
	Local Consultants	
I	Remuneration for Local Professional Staff	64550500
II	Supporting Staff	10050000
III	Transportation	10296000
IV	Duty Travel to Site	120000
V	Office Rent	2100000
VI	Office Supplies, Utilities and Communication	720000
VII	Office Furniture and Equipment	720000
VIII	Reports and Document Printing	108000
IX	Road Survey Equipment	10323864
	Subtotal Local Consultant	98988364
	Foreign Consultants	
	Remuneration for Expartiate Staff	
	Mobilization and Demobilization	
	Other Costs	
	Sub Total Foreign Consultant	0
	Goods and Services Tax payable in India @ 18%	17817906
	Total Costs (Including Tax)	116806270

APPENDIX C-3: BREAKDOWN OF COSTS

FINANCIAL PROPOSAL

I. REMUNERATION FOR LOCAL PROFESSIONAL STAFF

S.No.	Position	Name	48 months		
			Rate	No. of man-months*	Amount
Professional Staff					
1	Team Leader cum Sr Highway Engineer	Abdresh Kumar Singh	290000	60	17400000
2	Highway Maintenance cum Resident Engineer	Kranthi Sagar Lanka	186000	60	11160000
3	Road Safety Expert	Naga Mallikarjuna Rao Golla	210000	15	3150000
4	Bridger/Structural Engineer	Ajay Kumar	225000	20	4500000
5	Sr. Quality cum Material Expert	Doma Satyanarayana Murthy	187500	10	1875000
6	Sr. Pavement Specialist	Arun Kumar	185000	10	1850000
7	Traffic & Transportation Expert	Jeena Pradeep	252500	15	3787500
Sub Total				190	43722500
Sub-professional					
1	Assistant Quality cum Material Engineer	TBN	39000	12	468000
2	Assistant Highway Maintenance Engineer (2 Nos.)	TBN	55000	120	6600000
3	CAD Expert	TBN	40000	20	800000
4	Electrical Engineer	TBN	39000	10	390000
5	Horticulture Expert	TBN	40000	30	1200000
6	Quantity Surveyor	TBN	39000	10	390000
7	IT Expert (3 Nos.)	TBN	51000	180	9180000
8	Young Horticulture Expert	TBN	30000	60	1800000
Sub Total				442	20828000
Total				632	64550500
TBN = To Be Named					

TBN = To Be Named

* The man-month against each key personnel/sub-professional shall be same as specified in Enclosure A of TOR

II. Support Staff						
No.	Position	Name	Staff Months	Billing Rate ()	Amount ()	
1	Technical Supervisor	TBN	60	45000	2700000	
2	Office Manager	TBN	60	45000	2700000	
3	Accountant cum cashier	TBN	60	21500	1290000	
4	Steno cum Computer Operator	TBN	60	21500	1290000	
5	Office Boy (2 no)	TBN	120	17250	2070000	
			360	Total	10030000	

III. Transportation (Fixed rate on rental basis)				
The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc. for all complete approx. 3000km/month run				
S.No	Description of Vehicles	Qty. (No. of vehicle-month)	Rate/ Vehicle - Month	Amount
1	Innova/ Scorpio or equivalent (not more than 3 years old)	60	57600	3456000
2	Indica/Mahindra jeep or equivalent (not more than 3 years old)	120	48000	5760000
3	Motor Cycle for Sub-professional staff	180	6000	1080000
Total:				10296000

IV. Duty Travel to Site (Fixed Costs) (For all Lengths of projects):			
Trips	Number of Trips	Rate*	Amount
Site to Regional Office for Key Professionals	20 round trips (by air - economy class / train first AC / Deluxe-AC Bus)	6000	120000
Total:			120000

* Rate quoted includes Hotel charges (lodging & boarding), travel cost etc. complete for one person

V. Office Rent (Fixed Costs)-		
Minimum 200 sqm area of office shall be rented. The office shall be located at Madurai and the office rent includes electricity and water charges, maintenance, cleaning, repairs, security etc. complete.		
Nos of Months	Rate/month	Amount
60	35000	2100000
Total:		2100000

[Handwritten signatures and initials]

VI. Office Supplies, Utilities and Communication (Fixed Costs)

No. of Months	Rate/Month	Amount
60	12000	720000

VII. Office Furniture and Equipment (Rental)

The cost shall include rental charges towards all such furniture and equipment as required for proper functioning of the office. Office furniture shall include executive tables, chairs, visitor chairs, steel almirahs, computer furniture, conference table etc. Office equipment shall include as a minimum of telephone (2 external & 10 internal lines), photocopier (15ppm, 12000 copies per month with A3 & A4 input) fax machine, PCs (5 No., Intel Core 2 Duo E8300, 19" colour TFT, Cache - 6MB, RAM - 2 GB, HDD - 250 GB, DVD Writer, Key board, optical scroll mouse, MS- Windows Vista Business, pre-loaded anti virus etc.), laser printers (2 no., 14 ppm, 266 MHz, 5000 pages per month, 600 x 600 dpi or better etc., Engineering Plan printer (1 no.), binding machine (1 no.), plotter A0 size, overhead projector, AC (4 no., 1.5 Ton), Water Coolers (as required) etc.

No of Months	Rate/Month	Amount
60	12000	720000

VIII. Reports and Document Printing

No.	Description	No. of Reports	No. of Copies per Report	Total Nos. of copies	Rate per Copy (Rs)	Amount
1	Monthly reports (Design & Construction)	60	3	180	240	43200
2	Half Yearly Reports	10	3	30	360	10800
3	Various others reports as provided in the Concession Agreement such as Completion Report	50	3	150	360	54000
Total:						108000

IX. Road Survey Equipment: The cost shall include carrying out survey using equipment, manpower, software and report processing

Item	Kms	Rate per Km (INR)	No of times survey to be conducted	Amount
Surface defects detection and roughness measurement using network survey vehicle	132.32	2400	10	3175680
Pavement Strength Measurement using FWD	132.32	2400	5	1587840
Bridge inspection using Mobile Bridge Inspection Unit	7.19	42000	10	3019800
Road Signs inspection using Retro Reflectometer	132.32	720	10	952704
Traffic sampling using ATCC	132.32	1200	10	1587840
Total:				10323864

NOTE: The Road Survey shall be restricted to actual length

APPENDIX C-1 : FINANCIAL PROPOSAL SUBMISSION FORM

FROM : M/s Technocrats
Advisory Services Pvt. Ltd. in JV
with M/s Bloom Companies LLC
in Association M/s JR
Consultancy Services Pvt. Ltd.

TO :
Regional Officer,
National Highways Authority of India
2nd and 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road,
Mattuthavani, Madurai - 625 007

period of 4-lane divided Carriageway of Ulundurpet – Padalur
section of NH-45 from Km 192/750 to Km 285/000 – Padalur –
Trichy section of NH-45 from Km 285/000 to Km 325/000 in the

Subject : State of Tamil Nadu under NHDP Phase-III on BOT basis - Financial Proposal

We, the undersigned, offer to provide the consulting services for the above in accordance with your

Request for Proposal dated 27.10.2020 and our proposal. Our attached financial proposal is for the sum of

Rupees Nine Crores Twenty Two Lakhs Twenty Six Thousand Eight Hundred Only (Rs. 9,22,26,800/-) This amount is exclusive of the local

taxes which we have estimated at

Rupees One Crore Sixty Six Lakhs Eight hundred Twenty Four Only (Rs.1,66,00,824/-)

Our financial proposal shall be binding upon us up to the expiration of the validity period of the proposal, i.e.,

31.03.2021

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

Commission and gratuities, if any, paid or to be paid by us to agents relating to this proposal and contract execution, if we are awarded the contract, are listed below:

Name and Address of Agents	Amount and Currency	Purpose of Commission or Gratuity
N/A	N/A	N/A

We understand you are not bound to accept any proposal you receive.

We remain, Yours sincerely,

Managing Director/Head of the
firm/Authorised Representative
of the firm*

Name of the firm

Mr. Gautam Muni Pandey
Deputy General Manager
M/s Technocrats Advisory Services Pvt. Ltd

Address

68, Ajanta Apartment, 36, I.P-Extension, Patparganj,
Delhi-110092.

* Lead Member in case of JV











भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority Of India
 (Ministry Of Road Transport & Highways Government Of India)



Name of Work

Independent Engineer Services for Operation & Maintenance period of 4-lane divided carriageway of Ulundurpet - Padalur section of NH-45B from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis

APPENDIX C-2 : SUMMARY OF COSTS

NAME OF THE FIRM/COMPANY		M/s Technocrats Advisory Services Pvt. Ltd. in JV with M/s Bloom Companies LLC in Association M/s JR Consultancy Services Pvt. Ltd.
No.	Description	Amount
	Local Consultants	
I	Remuneration for Local Professional Staff	45458000
II	Supporting Staff	8820000
III	Transportation	14460000
IV	Duty Travel to Site	240000
V	Office Rent	2100000
VI	Office Supplies, Utilities and Communication	900000
VII	Office Furniture and Equipment	2100000
VIII	Reports and Document Printing	199500
IX	Road Survey Equipment	17949300
	Subtotal Local Consultant	92226800
	Foreign Consultants	
	Remuneration for Expatriate Staff	
	Mobilization and Demobilization	
	Other Costs	
	Sub Total Foreign Consultant	0
	Goods and Services Tax payable in India @ 18%	16600824
	Total Costs (Including Tax)	108827624

I. REMUNERATION FOR LOCAL PROFESSIONAL STAFF

			18 months		
S.No.	Position	Name	Rate	No. of man-months*	Amount
Professional Staff					
1	Team Leader cum Sr Highway Engineer	Mohammad Mumtaz Ahmad Khan	160000	60	9600000
2	Highway Maintenance cum Resident Engineer	A Raghavendra	120000	60	7200000
3	Road Safety Expert	Prabhakar	100000	15	1500000
4	Bridges/Structural Engineer	Praveen Kumar Chaturvedi	100000	20	2000000
5	Sr. Quality cum Material Expert	Surya Bhushan Singh	100000	10	1000000
6	Sr. Pavement Specialist	Ram Krupal Kushwaha	100000	10	1000000
7	Traffic & Transportation Expert	Krishna Murari	100000	15	1500000
	Sub Total			190	23800000
Sub-professional					
1	Assistant Quality cum Material Engineer	TBN	49000	12	588000
2	Assistant Highway Maintenance Engineer (2 Nos.)	TBN	49000	120	5880000
3	CAD Expert	TBN	49000	20	980000
4	Electrical Engineer	TBN	49000	10	490000
5	Horticulture Expert	TBN	49000	30	1470000
6	Quantity Surveyor	TBN	49000	10	490000
7	IT Expert (3 Nos.)	TBN	49000	180	8820000
8	Young Horticulture Expert	TBN	49000	60	2940000
	Sub Total			442	21658000
	Total			632	45458000

TBN = To Be Named

* The man-month against each key personnel/sub-professional shall be same as specified in Enclosure A of TOR

ii. Support Staff					
No.	Position	Name	Staff Months	Billing Rate (₹)	Amount (₹)
1	Technical Supervisor	TBN	60	32000	1920000
2	Vehicle Driver	TBN	60	30000	1800000
3	Accountant cum cashier	TBN	60	25000	1500000
4	Steno cum Computer Operator	TBN	60	20000	1200000
5	Cleaner cum Sweeper	TBN	120	20000	2400000
	Total		360		8820000

iii. Transportation (Fixed rate on rental basis)				
The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc. for all complete approx. 3000km/ month run				
S.No	Description of Vehicles	Qty. (No. of vehicle-month)	Rate/Vehicle-Month	Amount
1	Innova/ Scorpio or equivalent (not more than 3 years old)	60	55000	3300000
2	Indica/Mahindra jeep or equivalent (not more than 3 years old)	120	48000	5760000
3	Motor Cycle for Sub-professional staff	180	30000	5400000
Total:				14460000

iv. Duty Travel to Site (Fixed Costs) (For all Lengths of projects):			
Trips	Number of Trips	Rate*	Amount
Site to Regional Office for Key Professionals	20 round trips (by air - economy class / train first AC / Deluxe-AC Bus)	12000	240000
Total:			240000

* Rate quoted includes Hotel charges (lodging & boarding), travel cost etc. complete for one person.

v. Office Rent (Fixed Costs):-		
Minimum 200 sqm area of office shall be rented.		
The office shall be located at Madurai and the office rent includes electricity and water charges, maintenance, cleaning, repairs, security etc. complete.		
Nos of Months	Rate/month	Amount
60	35000	2100000
Total:		2100000

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VI. Office Supplies, Utilities and Communication (Fixed Costs)		
No. of Months	Rate/Month	Amount
60	15000	900000

VII. Office Furniture and Equipment (Rental)

The cost shall include rental charges towards all such furniture and equipment as required for proper functioning of the office. Office furniture shall include executive tables, chairs, visitor chairs, steel almirahs, computer furniture, conference table etc. Office equipment shall include as a minimum of telephone (2 external & 10 internal lines), photocopier (15ppm, 12000 copies per month with A3 & A4 input) fax machine, PCs (5 No., Intel Core 2 Duo E8300, 19" colour TFT, Cache - 6MB, RAM - 2 GB, HDD - 250 GB, DVD Writer, Key board, optical scroll mouse, MS- Windows Vista Business, pre-loaded anti virus etc.), laser printers (2 no., 14 ppm, 266 MHz, 5000 pages per month, 600 x 600 dpi or better etc., Engineering Plot printer (1 no.), binding machine (1 no.), plotter A0 size, overhead projector, AC (4 no., 1.5 Ton), Water Coolers (as required) etc.

No. of Months	Rate/Month	Amount
60	35000	2100000

VIII. Reports and Document Printing

No.	Description	No. of Reports	No. of Copies per Report	Total Nos. of copies	Rate per Copy ()	Amount
1	Monthly reports (Design & Construction)	60	3	180	550	99000
2	Half Yearly Reports	10	3	30	600	18000
3	Various others reports as provided in the Concession Agreement such as Completion Report	50	3	150	550	82500
Total:						199500

IX.

Road Survey Equipment: The cost shall include carrying out survey using equipment, manpower, software and report processing					
Item		Kms	Rate per Km (INR)	No of times survey to be conducted	Amount
Surface defects detection and roughness measurement using network survey vehicle		132.32	5000	10	6616000
Pavement Strength Measurement using FWD		132.32	4500	5	2977200
Bridge inspection using Mobile Bridge Inspection Unit		7.19	15000	10	1078500
Road Signs inspection using Retro Reflectometer		132.32	3500	10	4631200
Traffic sampling using ATCC		132.32	2000	10	2646400
Total:					17949300
NOTE: The Road Survey shall be restricted to actual length					

APPENDIX C-1 : FINANCIAL PROPOSAL SUBMISSION FORM

FROM : MSV International Inc. in association with MSV International Tech Pvt. Ltd.
Unit No. 514, 515 and 516, 5th Floor, Suncity Success Tower, Golf Course Extension Road,

TO :
Regional Officer,
National Highways Authority of India
2nd and 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road,
Mattuthavani, Madurai - 625 007

Independent Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway of Ulundurpet - Padalur section of NH-45 from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis

Subject :

We, the undersigned, offer to provide the consulting services for the above in accordance with your Request for Proposal dated 27th Oct. 2020 and our proposal. Our attached financial proposal is for the sum of

Rupees Ten Crore Sixty One Lakh(s) Sixty One Thousand Only (Rs.10,61,61,000/-)

This amount is exclusive of the local

taxes which we have estimated at

Rupees One Crore Ninety One Lakh(s) Eight Thousand Nine Hundred Eighty Only (Rs.1,91,08,980/-)

Our financial proposal shall be binding upon us up to the expiration of the validity period of the proposal, i.e.,

09th April 2021

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

Commission and gratuities, if any, paid or to be paid by us to agents relating to this proposal and contract execution, if we are awarded the contract, are listed below:

Name and Address
of Agents

Amount and Currency

Purpose of Commission
or Gratuity

We understand you are not bound to accept any proposal you receive.

We remain, Yours sincerely,

Managing Director/Head of the
firm/Authorised Representative
of the firm*

Name of the firm

MSV International Inc. In association with MSV International Tech Pvt. Ltd.

Address

Unit No. 514, 515 and 516, 5th Floor, Suncity Success Tower, Golf Course Extension Road, Sector-65, Gurgaon-122005, Haryana, India
Tel: +91-124-2841160-89

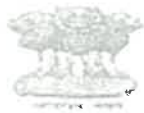
*Lead Member in case of JV

[Signature]

[Signature]

[Signature]

[Signature]



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority Of India
(Ministry Of Road Transport & Highways Government Of India)



Name of Work

Independent Engineer Services for Operation & Maintenance period of 4-lane divided carriageway of Ulundurpet - Padalur section of NH-45B from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis

APPENDIX C-2 : SUMMARY OF COSTS

NAME OF THE FIRM/COMPANY		MSV International Inc. in association with MSV International Tech Pvt. Ltd.
No.	Description	Amount
	Local Consultants	
I	Remuneration for Local Professional Staff	49842000
II	Supporting Staff	18360000
III	Transportation	9120000
IV	Duty Travel to Site	11500
V	Office Rent	5940000
VI	Office Supplies, Utilities and Communication	4320000
VII	Office Furniture and Equipment	720000
VIII	Reports and Document Printing	690000
IX	Road Survey Equipment	17157500
	Subtotal Local Consultant	106161000
	Foreign Consultants	
	Remuneration for Expatriate Staff	
	Mobilization and Demobilization	
	Other Costs	
	Sub Total Foreign Consultant	0
	Goods and Services Tax payable in India @ 18%	19108980
	Total Costs (Including Tax)	125269980

APPENDIX C-3: BREAKDOWN OF COSTS

FINANCIAL PROPOSAL

I. REMUNERATION FOR LOCAL PROFESSIONAL STAFF					
S.No.	Position	Name	48 months		
			Rate	No. of man-months*	Amount
Professional Staff					
1	Team Leader cum Sr Highway Engineer	S. Ramechandran	108000	60	6480000
2	Highway Maintenance cum Resident Engineer	Mamidi V Sathesh Kumar	108000	60	6480000
3	Road Safety Expert	Col Balachandrudu, SM	108000	15	1620000
4	Bridges/Structural Engineer	Valbhav Hedau	108000	20	2160000
5	Sr. Quality cum Material Expert	Sanjay Sharma	108000	10	1080000
6	Sr. Pavement Specialist	Col (Retd), Kuldeep Singh Azad	108000	10	1080000
7	Traffic & Transportation Expert	Barun Haider	108000	15	1620000
	Sub Total			190	28520000
Sub-professional					
1	Assistant Quality cum Material Engineer	TBN	36000	12	432000
2	Assistant Highway Maintenance Engineer (2 Nos.)	TBN	90000	120	10800000
3	CAD Expert	TBN	36000	20	720000
4	Electrical Engineer	TBN	45000	10	450000
5	Horticulture Expert	TBN	54000	30	1620000
6	Quantity Surveyor	TBN	54000	10	540000
7	IT Expert (3 Nos.)	TBN	72000	180	12960000
8	Young Horticulture Expert	TBN	30000	60	1800000
	Sub Total			442	29332000
	Total			632	49842000
TBN = To Be Named					
* The man-month against each key personnel/sub-professional shall be same as specified in Enclosure A of TOR					
II. Support Staff					
No.	Position	Name	Staff Months	Billing Rate ()	Amount ()
1	Technical Supervisor	TBN	60	45000	2700000
2	Office Manager	TBN	60	90000	5400000
3	Accountant cum cashier	TBN	60	54000	3240000
4	Steno cum Computer Operator	TBN	60	45000	2700000
5	Office Boy (2 no)	TBN	120	36000	4320000
			360	Total	18360000
III. Transportation (Fixed rate on rental basis)					
The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc. for all complete approx. 3000km/month run					
S.No	Description of Vehicles	Qty. (No. of vehicle-months)	Rate / Vehicle - Month	Amount	
1	Innova/ Scorpio or equivalent (not more than 3 years old)	60	54000	3240000	
2	Indica/ Mahindra jeep or equivalent (not more than 3 years old)	120	40000	4800000	
3	Motor Cycle for Sub-professional staff	180	6000	1080000	
			Total:	9120000	
IV. Duty Travel to Site (Fixed Costs) (For all Lengths of projects):					
Trips		Number of Trips	Rate*	Amount	
Site to Regional Office for Key Professionals		20 round trips (by air - economy class / train first AC, Deluxe-AC Bus)	575	11500	
Total:				11500	
* Rate quoted includes Hotel charges (lodging & boarding), travel cost etc. complete for one person.					
V. Office Rent (Fixed Costs)-					
Minimum 200 sqm area of office shall be rented. The office shall be located at Madurai and the office rent includes electricity and water charges, maintenance, cleaning, repairs, security etc. complete.					
Nos of Months	Rate/month	Amount			
60	99000	5940000			
	Total:	5940000			

VI. Office Supplies, Utilities and Communication (Fixed Costs)

No. of Months	Rate/Month	Amount
60	72000	4320000

VII. Office Furniture and Equipment (Rental)

The cost shall include rental charges towards all such furniture and equipment as required for proper functioning of the office. Office furniture shall include executive tables, chairs, visitor chairs, steel almirahs, computer furniture, conference table etc. Office equipment shall include as a minimum of telephone (2 external & 10 internal lines), photocopier (15 ppm, 12000 copies per month with A3 & A5 input) fax machine, PCs (5 No., Intel Core 2 Duo E8300, 19" colour TFT, Cache - 6MB, RAM - 2 GB, HDD - 250 GB, DVD Writer, Key board, optical scroll mouse, MS Windows Vista Business, pre-installed anti virus etc.), laser printers (2 no., 14 ppm, 266 MHz, 5000 pages per month, 600 x 600 dpi or better etc.), Engineering Plot printer (1 no.), binding machine (1 no.), plotter A0 size, overhead projector, AC (4 no. 1.5 Ton), Water Coolers (as required) etc.

No. of Months	Rate/Month	Amount
60	12000	720000

VIII. Reports and Document Printing

No.	Description	No. of Reports	No. of Copies per Report	Total Nos. of copies	Rate per Copy (Rs.)	Amount
1	Monthly reports (Design & Construction)	60	3	180	3000	540000
2	Half Yearly Reports	10	3	30	4000	120000
3	Various others reports as provided in the Concession Agreement such as Completion Report	50	3	150	200	30000
Total:						690000

IX. Road Survey Equipment: The cost shall include carrying out survey using equipment, manpower, software and report processing

Item	Kms	Rate per Km (INR)	No. of times survey to be conducted	Amount
Surface defects detection and roughness measurement using network survey vehicle	132.32	4000	10	5292800
Pavement Strength Measurement using FWD	132.32	5000	5	3308000
Bridge inspection using Mobile Bridge Inspection Unit	7.19	73000	10	5248700
Road Signs inspection using Retro Reflectorimeter	132.32	1000	10	1323200
Traffic sampling using ATCC	132.32	1500	10	1984800
Total:				17157500

NOTE: The Road Survey shall be restricted to actual length

[Handwritten signatures]

Signature Not Verified

Digitally signed by Govindasamy
Date: 2021.06.02 18:58:01 IST
Location: eProcurement System for
Central PSUs