

**NATIONAL HIGHWAYS AUTHORITY OF INDIA
PROJECT IMPLEMENTATION UNIT, MADURAI**

Minutes of Meeting of Tender Evaluation Committee (Technical Evaluation) dated 03.08.2024 for the work of "Short Term measures for rectification of 32 Nos of Hot spots and 6 Nos.of MoRTH Black spots (2017-19) in Madurai - Kayathar section in the State of Tamil Nadu on Item Rate Basis (Tender Ref. No. NHAI/PIU/MDU/NH-44/BS-HS/2024) - 2nd Call - Reg

1. PIU, NHAI, Madurai invited bids vide Tender ID: 2024_NHAI_198573_2 for the works of "Short Term measures for rectification of 32 Nos of Hot spots and 6 Nos.of MoRTH Black spots (2017-19) in Madurai - Kayathar section in the State of Tamil Nadu on Item Rate Basis on 2nd Call" with an estimated cost of Rs.467.36 Lakhs (excluding GST).

2. A committee has been re constituted with the following members to carry out tender evaluation;

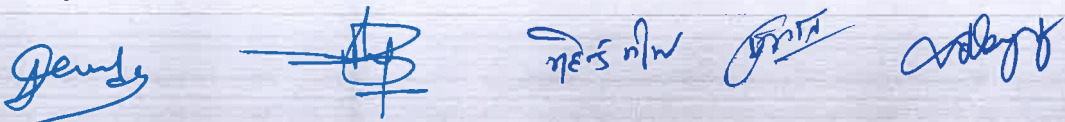
- i. Shri Keerthi Bharadwaj, Project Director, PIU, Madurai - Convener
- ii. Shri V.Nagaraj,DGM(T) & Project Director, PIU,Dindigul - Member.
- iii. Shri.Mehandra Meena, Manager(T), RO, Madurai - Member.
- iv. Shri Sumit Dewda, Dy. Manager (T), PIU, Madurai - Member
- v. Shri Prabhat Chandra Nirmohi, Dy. Manager (F), RO - Madurai - Member

3. As per RFP, last date of submission of e-bids and date of technical bid opening was scheduled on 29.07.2024 up to 12:00 Hrs and 30.07.2024 @ 12:00 Hrs, respectively.

4. The Committee opened the e-bids received through online mode (on 30.07.2024) and decrypted. Totally 5 Nos. of Bids was received through online. Accordingly, the details of Tender Fee (Rs.25,000/-) submitted by the 6 Nos. of bidders were furnished to Accounts Division. In response, Accounts Division has confirmed the receipts of Tender Fee for 5 Nos. bidders. With respect to EMD/Bid security, all the 5 Nos. of bidders have furnished the Hard copies of BG/DD for an amount of Rs.9,36,000/-. The details of such receipt of Tender fee & Bid security are as follows,

S. No	Bid ID	Name of Bidder	Tender Fee (Rs.25,000)	Bid Security(Rs.9,3 6,000/-)
1	725133	M/s.B Murugan	Paid	Original copy submitted
2	724422	M/s.V Best Engineer	Paid	Original copy submitted
3	725318	M/s.KK Builders	Paid	Original copy submitted
4	725350	M/s.Mercury Electrical Corporation	Paid	Original copy submitted
5	725291	M/s.Sharvaa Associates.	Paid	Original copy submitted

6. Subsequently, the Committee has admitted & evaluated the 5 Nos. of bids based on



available scanned copies. The detailed technical evaluation as furnished vide **Annexure-A**. Summary of the same is submitted hereunder;

S. No	Bid ID	Name of Bidder	Recommendation
1	725133	M/s.B Murugan	Disqualified
2	724422	M/s.V Best Engineer	Disqualified
3	725318	M/s.KK Builders	Qualified
4	725350	M/s.Mercury Electrical Corporation	Qualified
5	725291	M/s.Sharvaa Associates.	Disqualified

7. The detailed technical evaluation is as follows,

7.1 M/s.B Murugan :

- The bidder has *not furnished* the details Average Annual Turnover during Last 3 years *duly certified by Chattered accountant*.
- The Bidder has not *submitted the details of Power of Attorney* as per Section-II, Clause 4.2 (a) & Section-III, Clause 1.
- With respect to staff qualification, the candidate proposed for *Site Engineer cum Material Engineer is holding Diploma certificate (Civil)* only which is not meeting the requirement of B.E. (Civil Engineering) as per RFP. Further, Bidders has submitted the CV for *only 2 Nos. of Electrical Engineers out of 4 Nos.* as per RFP.
- Bidder have not furnished the documents as per Table " Road Performance Parameter for Solar Double/Single Arm street light under the head of additional maintenance standards in "Section VI" (Scope of work) i.e., Catalogue for Luminaire, Battery, Test Certification as per TTC IP66, IK10, LM79, TM-21-11, Pole having 9m height GA Drawing, Foundation drawing, Structural Stability report suitable for 39m/s and SBC 10 MT/m2, Lighting Design report achieving desired lux level (40 Min), Lighting OEM Manufacturer authorization for the Single & Double arm Solar street lights.
- Hence, due to not meeting the above requirement as per RFP, the tender evaluation committee recommends to consider the bids as "**Non-responsive**".

7.2 V Best Engineers :

- The Bidder has not submitted the details of Power of Attorney as per Section-II, Clause 4.2 (a) & Section-III, Clause 1.
- The bidder has mentioned the details of vehicles as per Appendix to ITB Section-II, Clause 4.4. B (b)(i) and submitted the owned/leased invoice for Excavator cum Loader, Water Tanker (Tractor Trolley/truck mounted), Self-Loading Concrete Mixer (SLCM) or Ready Mix Concrete , Crane 12 MT. However, the bidder has not submitted the owned invoice for the owned Reflectometer for measuring the reflectivity of thermoplastic paint/signboards & Road Marking Machine.



- With respect to staff qualification, the candidate proposed for *Project Manager as well as Site Engineer cum Material Engineer* is holding *Degree in Electrical & Electronics Engineering*. But the requirement for the same is Degree in Civil Engineering as per RFP.
- Bidder have not furnished the documents as per Table " Road Performance Parameter for Solar Double/Single Arm street light under the head of additional maintenance standards in "Section VI" (Scope of work) i.e., Catalogue for Luminaire, Battery, Test Certification as per TTC IP66, IK10, LM79, TM-21-11, Pole having 9m height GA Drawing, Foundation drawing, Structural Stability report suitable for 39m/s and SBC 10 MT/m², Lighting Design report achieving desired lux level (40 Min), Lighting OEM Manufacturer authorization for the Single & Double arm Solar street lights.
- As per Section-III, Clause 2(vi), the bidder has not furnished the Letter of Application.
- Hence, due to not meeting the above requirement as per RFP, the tender evaluation committee recommends to consider the bids as "Non-responsive".

7.3 M/s.KK Builders:

- The Bidder has furnished work experience with the work value of Rs.5318.47 Lakhs. Certificate issue by certified by Executive Engineer, Kerala PWD, Road division, Kasarkod which is not less than One similar work as per Section-II, Clause 4.4 A (b).
- The bidder has mentioned the details of vehicles as per Appendix to ITB Section-II, Clause 4.4. B (b)(i) and submitted the owned/leased invoice for Excavator cum Loader, Water Tanker (Tractor Trolley/truck mounted), Self-Loading Concrete Mixer (SLCM) or Ready Mix Concrete , Crane 12 MT, Reflectometer for measuring the reflectivity of thermoplastic paint/signboards & Road Marking Machine.
- With respect to staff qualification, as per bid submission, the candidate for Project Manager has 11 years of experience, Site engineer cum Material engineer has 5 yrs of experience, and 4 Nos. of electrical engineers has 5 yrs of experience. Degree certificate for all the 6 candidates have been submitted by Bidder.
- Bidder have furnished the documents as per Table " Road Performance Parameter for Solar Double/Single Arm street light under the head of additional maintenance standards in "Section VI" (Scope of work) i.e., Catalogue for Luminaire, Battery as 25.6V 60 Ah (as per RFP), Test report as per TTC IP66, IK10, LM79, TM-21-11, Pole GA Drawing as 9m Pole height (as per RFP) , Foundation drawing, Structural Stability report suitable for 39m/s and SBC 10MT/sqm (as per RFP), Lighting Design report achieving desired lux level (Min 40 Lux), Lighting OEM Manufacturer authorization for the Single & Double arm Solar street lights.
- Hence, bidder has furnished the requirement as per RFP, the tender evaluation committee recommends to consider the bids as "Responsive".

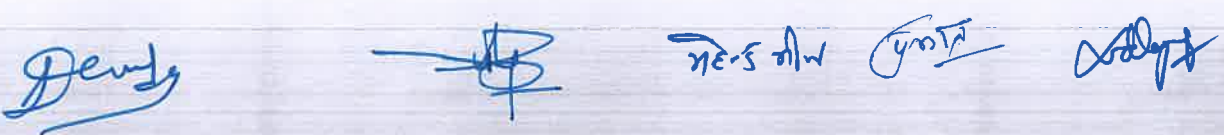
   

7.4 M/s.Mercury Electrical Corporation:

- The Bidder has furnished work experience with the work value of Rs.403.82 Lakhs. Certificate issue by certified by EE,PWD, Electrical Division, Thrissur which is not less than One similar work as per Section-II, Clause 4.4 A (b).
- The bidder has mentioned the details of vehicles as per Appendix to ITB Section-II, Clause 4.4. B (b)(i) and submitted the owned/leased invoice for Excavator cum Loader, Water Tanker (Tractor Trolley/truck mounted), Self-Loading Concrete Mixer (SLCM) or Ready Mix Concrete , Crane 12 MT, Reflectometer for measuring the reflectivity of thermoplastic paint/signboards & Road Marking Machine.
- With respect to staff qualification, as per bid submission, the candidate for Project Manager has 11 years of experience, Site engineer cum Material engineer has 6 yrs of experience, and 4 Nos. of electrical engineers has 5 yrs of experience. Degree certificate for all the 6 candidates have been submitted by Bidder.
- Bidder have furnished the documents as per Table " Road Performance Parameter for Solar Double/Single Arm street light under the head of additional maintenance standards in "Section VI" (Scope of work) i.e., Catalogue for Luminaire, Battery as 25.6V 60 Ah (as per RFP), Test report as per TTC IP66, IK10, LM79, TM-21-11, Pole GA Drawing as 9m Pole height (as per RFP) , Foundation drawing, Structural Stability report suitable for 39m/s and SBC 10MT/sqm (as per RFP), Lighting Design report achieving desired lux level (Min 40 Lux), Lighting OEM Manufacturer authorization for the Single & Double arm Solar street lights.
- Hence, as the bidder has furnished the requirements as per RFP, the tender evaluation committee recommends to consider the bids as "Responsive".

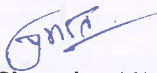
7.5 M/s.Sharvaa Associates:

- The Bidder has furnished work experience 3 similar type of works value more than Rs.186.94 Lakh as per RFP i.e., i) "Restoration of Service road in Ennore expressway from km. 1/800 to km.2/600 and in km.3/100 to km. 4/200 on RHS in service road in the completed portion of laying 42" dia carbon steel oil pipe line" with value of work done Rs.196.19 Lakhs (Certificate issued by PD, NHAI, Chennai, Dt:04.10.2019.) ii) "Operation & maintenance from km.0+000 to km.7+508 in Ennore Express ways, from km.0+000 to km.5+600 in Manali Oil refinery Road , from km.4+500 to km.13+500 & Thiruvottiyur-Ponneri-Panchetti road and from km.18+000 to km.25+000in Inner Ring road in the state of Tamil Nadu" with value of work done Rs.191.01 Lakhs (Certificate issued by PD, NHAI, Chennai, Dt:04.10.2019.) & iii) "Civil & Engineering works supplying of Electronics for Upgradation of ponnarimangalam Toll Plaza for implementation of ETC on NH 966 A in Kerala" with value of work done Rs.158.55 Lakhs (work value with escalation factor of 1.21, Rs.191.84 Lakhs can be considered - work certificate issued by PD, NHAI, Kochin - II).
- With respect to staff qualification, as per bid submission, the candidate for Project Manager has 11 years of experience, Site engineer cum Material engineer has 9 yrs of experience, and 4 Nos. of electrical engineers has more than 5 yrs of experience. Degree certificate for all the 6 candidates have been submitted by Bidder.



- The bidder has mentioned the details of vehicles as per Appendix to ITB Section-II, Clause 4.4. B (b)(i) and submitted the owned/leased invoice for Excavator cum Loader, Water Tanker (Tractor Trolley/truck mounted), Self-Loading Concrete Mixer (SLCM) or Ready Mix Concrete , Crane 12 MT, Reflectometer for measuring the reflectivity of thermoplastic paint/signboards & Road Marking Machine.
- Bidder have furnished the documents as per Table " Road Performance Parameter for Solar Double/Single Arm street light under the head of additional maintenance standards in "Section VI" (Scope of work) i.e., Catalogue for Luminaire, Battery as 25.6V 60 Ah (as per RFP), Foundation drawing ,Lighting OEM Manufacturer authorization for the Single & Double arm Solar street lights. *But, bidder have not furnished the Test report as per TTC IP66, IK10, LM79, TM-21-11, Pole GA Drawing as per RFP, Structural Stability report suitable for 39m/s and SBC 10MT/sqm (as per RFP), Lighting Design report achieving desired lux level (Min 40 Lux).*
- Hence, due to not meeting the above requirement as per RFP, the tender evaluation committee recommends to consider the bids as **"Non-responsive"**.

8. In view of the above, Committee further decided to meet at a convenient date to open & evaluate financial bids of the technically qualified bidders at the earliest, upon approval of Competent Authority.



Prabhat Chandra Nirmohi
(Member)



Mahendra Meena
(Member)



Sumit Dewda
(Member)



V. Nagaraj
(Member)



Keerthi Bharadwaj
(Convener)

ANNEXURE-A

Name of Work: Short Term measures for rectification of 32 Nos of Hot spots and 6 Nos. of MoRTH Black spots (2017-19) in Madurai – Kayathar section in the State of Tamil Nadu on Item Rate Basis (2nd Call) (Tender Ref. No. NHA/PIU/MDU/NH-44/BS-HS/2024)

Value put to tender - Rs.4,67,35,712/-

S. No	Name of the Contractor Qualifying Criteria	Requirement as per Bid Document	Reference	M/s.B Murugan (Bid ID:725133) (1 of 5)				M/s.V Best Engineers (Bid ID:724422) (2 of 5)				M/s.KK Builders (Bid ID:725318) (3 of 5)				M/s.Mercury Electrical Corporation (Bid ID:725350) (4 of 5)				M/s.Sharvaa Associates (Bid ID:725291) (5 of 5)			
(1)	(2)	(3)	(4)	(5)				(5)				(6)				(7)				(8)			
1	Cost of tender document	Rs.25,000/-	NIT (Pg 4)	Transaction reference No.10441320240726003500000011 for Rs.25000/- (Pg. 1)				NEFT Transaction reference No.KKBKHI24210855975 for Rs.25000/- (Pg. 3)				Transacion ID:12493048893 dt:27.07.2024 for Rs.25000/- (P.No.5)				Transaction reference No.796110465 for Rs.25000/- (Pg. 1)				Transaction No.421019046386 dt:27.06.2024 from TMB for Rs.25,000/- (P.No.235)			
2	Bid Security / Earnest Money Deposit (EMD)	Bid Security for an amount of Rs.9,36,000/- in the form of Bank Guarantee/ Demand Draft.	NIT (Pg 4)	BG No.9194BGE242085005 for Rs.9,36,000/- (Pg. 3) & Hard Copy received				DD No.520253 from M/s.Kotak Mahindra Bank for Rs.9,36,000/- (P.No.2) v & Hard Copy received				BG No.10981BG148486 dt:24.07.2024 from Federal Bank for Rs.9,36,000/- valid up to 31.05.2025 (P.No.1) & Hard Copy received				BG No.3776000000006 dt:26.07.2024 from M/s Axis Bank, Thrissur for Rs.9,36,000/- (Pg. 2) & Hard Copy received				DD No.033927 dt:26.07.2024 from TMB for Rs.9,36,000/- (P.No.236) & Hard copy received			
3	Average Annual Turn over during Last 3 years	Rs.140.21 Lakh	NIT (Pg 4) & Section-II, Clause 4.4 A (a) (Pg No 10) Section-III, Clause 1.3 (Pg 29)	Year	Turnover (Lakh)	Multiplying factor	Amount (Rs. in Lakhs)	Year	Turnover (Lakh)	Multiplying factor	Amount (Rs. in Lakhs)	Year	Turnover (Lakh)	Multiplying factor	Amount (Rs. in Lakhs)	Year	Turnover (Lakh)	Multiplying factor	Amount (Rs. in Lakhs)	Year	Turnover (Lakh)	Multiplying factor	Amount (Rs. in Lakhs)
				Chattered accountant certification not furnished				2021-22	1839.37	1.33	2446.36	2021-22	5001.81	1.33	6652.41	2021-22	308.15	1.33	409.84	2021-22	405.08	1.33	538.76
								2022-23	0.00	1.21	0.00	2022-23	5073.72	1.21	6139.20	2022-23	600.24	1.21	726.29	2022-23	1570.69	1.21	1900.53
								2023-24	0.00	1.10	0.00	2023-24	0.00	1.10	0.00	2023-24	0.00	1.10	0.00	2023-24	0.00	1.10	0.00
								Total		2446.36		Total		12791.61		Total		1136.13		Total		2439.29	
				Average Turnover (Pg 89)		815.00		Average Turnover (Pg 20)		4264.00		Average Turnover (Pg 13)		379.00		Average Turnover (Pg 20)		813.00					
4	Similar nature of work completed during the last 7 years (The similar work constitutes experience in Electrical & Solar lightings & Road signages, & Junction Improvement/ Blackspots Rectification (Road safety items) works of 2/4/6 lane Expressways/National Highways)	One Similar completed work costing not less than amount equals to Rs.373.89 Lakh or Two Similar completed works costing not less than amount equal to each of Rs.233.68 Lakh or Three Similar completed works costing not less than amount equal to each of Rs.186.94 Lakh	NIT (Pg 4) Section-II, Clause 4.4 A (b) (Pg 11)	Routine Maintenance and Overlay work from km.11+000 to km.21+400 of six laning of Chennai Tada section of NH - 5 under NHAI PIU Chennai . Value of work done Rs. 864.16 Lakhs (Work fully executed by Bidder). Work duration 12 months completed as on 31.07.2018. Work Experience Certificate issued by the PD, PIU, NHAI, Chennai dated 14.08.2018 (Pg 35)				Providing street lighting arrangements for teh stretch from km.6+700 to km.11+000 of SH 113 in Kundrathur Urban limit . Value of work done Rs.314.72 Lakhs (Work fully executed by Bidder). Work Experience Certificate issued by the Divisional Engineer, Highways (C&M), Kanchipuram dated 25.02.2023 (Pg 51 & 82). Work was done in 2022-23 and hence escalation factor of 1.21 as per Section-II, Clause 4.4 A (b) can be considered. Now, 314.72x1.21 = 380.81 Lakhs				Kerala Infrastructure Investment fund Board (KIIFB) 2016-17 Improvements to the Hill high way road From Nandarapadvu to Chevar at KM 0/000 to 23/000 under PWD road section Manjeshwar in Kasaragod District. Value of work done Rs. 5318.47 Lakhs. Work Experience Certificate issued by the Executive Engineer, Kerala PWD, Road division, Kasarkod, dated 26.09.2022 (Pg 27).				SITC of 268 Nos. of 8m Ht Mini Mast lights with of 150w x 4 Nos. of LED Flood lights at Various locations in SH 74, SH 58, SH 27, and NH 544 of Alathur Constituency under MPLADS 2023-24 of Kumari Ramya Haridas MP. Value of work done Rs.403.82 Lakhs. (Work fully executed by Bidder). Work duration 6 months. Work Experience Certificate issued by the EE,PWD, Electrical Division, Thrissur dated 06.05.2024 (P.No.63)				1. Restoration of Service road in Ennore expressway from km. 1/800 to km.2/600 and in km 3/100 to km. 4/200 on RHS in service road in the completed portion of laying 42" dia carbon steel oil pipe line Value of work done Rs.196.19 Lakhs. (Work fully executed by Bidder). Work duration from 20.11.2018 to 10.02.2019. Certificate issued by PD, NHAI, Chennai. Dt:04.10.2019. (P.No.35) 2. Operation & maintenance from km.0+000 to km.7+508 in Ennore Express ways, from km.0+000 to km.5+600 in Manali Oil refinery Road , from km.4+500 to km.13+500 & Thiruvottiyur-Ponneri-Panchetti road and from km.18+000 to km.25+000in Inner Ring road in the state of Tamil Nadu. Value of work done Rs.191.01 Lakhs. (Work fully executed by Bidder). Work duration from 06.05.2018 to 06.02.2019. Certificate issued by PD, NHAI, Chennai, Dt:04.10.2019. (P.No.36) 3. Civil & Engineering works supplying fo Electronics for Upgradation of ponnairmangalam Toll Plaza for implementation of ETC on NH 966 A in Kerala. Value of work done Rs.158.55 Lakhs. (Work fully executed by Bidder). Work duration from 21.12.2019 to 02.12.2020. Certificate issued by PD, NHAI, Kochin - II, Dt:06.12.2023. (P.No.37) Work was done in 2020-21 and hence escalation factor of 1.46 as per Section-II, Clause 4.4 A (b) can be considered. Now, 158.55x1.21 = 191.84 Lakhs.			
5	Registration	Organisation Registered with Central, State Government, P&T/CPWD, Railways / State PWD and other Govt. organisations	Section-II, Clause 4.2 (a) (Pg 9) Section-III, Clause 1 (Pg 29)	Reg No. 67/2008-09 First class contractor, in Highways Dept., GoTN renewed (Pg 26)				Registered as 1st Class Contractor in Govt. Of TN vider Lr.No.3597/2015 dt 16.11.2015 by SE, Highways (C&M), Trichy (P.No.34)				Reg No.32AADFK0068K1ZJ in Govt. of India (P.No.117)				Registered in Department of Registration, Govt. of Kerala dt:26.02.2014 (registration No.674/2014) (P.No.21)				Registrered in Govt. of Tamil Nadu (Reg No.61 of 2013 dt:30.05.2013) - P.No.4			
(a)	Year of Constitution			2009 (P.No.23)				2011 (P.No.47)				2017 (P.No.117)				2014				2012			
(b)	Legal status of Bidder (Proprietorship/Partnership or			PROPRIETORSHIP FIRM (Pg 23)				Partnership (Pg 53)				Partnership (P.No.117)				Partnership (P.No.21)				Partnership (P.No.3)			
(c)	Place of Registration			Madurai				Trichy (P.No.53)				Kannur, Kerala				Thirissur				Madurai			
(d)	Principal Place of Business			Madurai				Trichy (P.No.53)				Kerala				Thirissur				Madurai			
6	Power of Attorney to sign the bid document	Furnished / Not Furnished		Not Furnished				Not Furnished				Furnished (P.No.16)				Furnished (P.No.45)				Furnished (P.No.14)			
7	Bid Capacity = (A x N x 2.5 – B) (Cl 4.6) in Lakhs, N = 0.33 (4 Months)		Section-II, Clause 4.6 (Pg 12) Section-III, Clause 1.4 (b) (Pg 32-33)	Bid Capacity = (2927.1x 1.21x 0.42 x 2.5-157) =3561.88 lakhs (Pg 15)				Bid Capacity = (1839.37x 1.33x 0.42 x 2.5-0) =2568.68 lakhs (Pg 56)				Bid Capacity = (8013.59x 1.46x 0.42 x 2.5-8313) =3971.83lakhs (Pg 26)				Bid Capacity = (600.24x 1.21 x 0.42x2.5-76.01) =680.54 lakhs (Pg 128)				Bid Capacity = (1570 x 0.42 x 2.5-380) =1255 lakhs (Pg 49)			
8	The key equipment to be deployed on contract work.	Requirement as per Bid Document (Min 5 years Age)	Nos.	Owned	Leased	Total Nos.	Remarks	Owned	Leased	Total Nos.	Remarks	Owned	Leased	Total Nos.	Remarks	Owned	Leased	Total Nos.	Remarks	Owned	Leased	Total Nos.	Remarks
		Excavator cum Loader	1	1	0	1	RC copy furnished (Pg. 49)	1	0	1	Owned invoice furnished (Pg. 61)	0	1	1	Owned invoice furnished (Pg. 48)	0	1	1	Invoice Furnished (P.No.431)	2	0	2	Invoice Furnished (P.No.88)
		Water Tanker (Tractor Trolley/truck mounted)	1	1	0	1	Owned invoice furnished (Pg. 51)	0	1	1	Owned invoice furnished (Pg. 59)	0	1	1	Owned invoice furnished (Pg. 51)	0	1	1	Invoice Furnished (P.No.438)	0	1	1	Invoice Furnished (P.No.91)
		Road Marking Machine	1	1	0	1	Owned invoice furnished (Pg. 54)	1	0	1	Owned invoice not furnished	1	0	1	Owned invoice furnished (Pg. 55)	0	1	1	Invoice Furnished (P.No.432)	0	2	2	Invoice Furnished (P.No.93)
		Self-Loading Concrete Mixer (SLCM) or Ready Mix Concrete.	2	2	0	2	Owned invoice furnished (Pg. 55)	2	0	2	Owned invoice furnished (Pg. 62)	0	2	2	Owned invoice furnished (Pg. 57,60)	0	2	2	Invoice Furnished (P.No.433, 434)	0	2	2	Invoice Furnished (P.No.95, 96)
		Reflectometer for measuring the reflectivity of thermoplastic paint/signboards	1	1	0	1	Owned invoice furnished (Pg. 56)	1	0	1	Owned invoice not furnished	0	1	1	Owned invoice furnished (Pg. 65)	0	1	1	Invoice Furnished (P.No.442)	0	1	1	Invoice Furnished (P.No.102)
		Generator 250 KVA	1	1	0	1	Owned invoice furnished (Pg. 57)	1	0	1	Owned invoice furnished (Pg. 58)	1	0	1	Owned invoice furnished (Pg. 67)	0	1	1	Invoice Furnished (P.No.435)	0	1	1	Invoice Furnished (P.No.98)
		Crane 12 MT	2	0	2	2	Owned invoice furnished (Pg. 59, 61)	2	0	2	Owned invoice furnished (Pg. 60)	0	2	2	Owned invoice furnished (Pg. 75,78)	0	2	2	Invoice Furnished (P.No.439 & 444)	0	2	2	RC Copy Furnished (P.No.104)
		Vibratory Roller & Plate compactor	1	1	0	1	Owned invoice furnished (Pg. 62)	1	0	1	Owned invoice furnished (Pg. 63)	0	1	1	Owned invoice furnished (Pg. 80)	0	1	1	Invoice Furnished (P.No.436)	0	1	1	Invoice Furnished (P.No.99)

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S. No	Name of the Contractor Qualifying Criteria	Requirement as per Bid Document		Reference	M/s.B Murugan (Bid ID:725133) (1 of 5)		M/s.V Best Engineers (Bid ID:724422) (2 of 5)		M/s.KK Builders (Bid ID:725318) (3 of 5)		M/s.Mercury Electrical Corporation (Bid ID:725350) (4 of 5)		M/s.Sharvas Associates (Bid ID:725291) (5 of 5)	
(1)	(2)	(3)		(4)	(5)		(5)		(6)		(7)		(8)	
9	i) Project Manager	Minimum Qualification Graduation in Civil Engineering + 10 years as Project Manager on NH/SH/ Highway Construction/ Maintenance Works	1	Appendix to ITB (Pg 23) Section-II, Clause 4.4, B (b)(i) (Pg 12)	Sh K.Srinivasan BE Civil Engineering Year of completion : 1995 Experience as Project Manager is 10 Yrs	Degree Certificate Furnished (Pg. 105)	Sh C Gopi Krishnan BE in EEE Year of completion : 2012 Experience as Project Manager is 11 Yrs	Not meeting the requirement	Sh Madhu PP BE Civil Engineering Year of completion : 2005 Experience as Project Manager is 11 Yrs	Degree Certificate Furnished (Pg. 88)	Sh Sandeep P BE Civil Engineering Year of completion : 2009 Experience as Project Manager is 11 Yrs	Degree Certificate Furnished (Pg. 228)	Sh Rajesh W BE Civil Engineering Year of completion : 1991 Experience as Project Manager is 11 Yrs	Degree Certificate Furnished (Pg. 60)
	ii) Site Engineer cum material engineer	Minimum Qualification Graduation in Civil Engineering +5 years' Experience on Highway Construction/ Maintenance Works	1		Sh R Sathish Kumar Diploma in Civil Engineering Year of completion : 2002 Experience as Site Engineer cum Material engineer is 10 Yrs	Degree Certificate Furnished (Pg. 108). But not meeting the requirement	Sh. C Raja Gopal BE in Electrical Engineering Year of completion : 2013 Experience 6 years Experience on Electrical works	Degree Certificate Furnished (Pg. 73) and not meeting the requirement	Shmt. Suranya C BE Civil Engineering Year of completion : 2015 Experience 5 years as Site Engineer cum material Engineer	Degree Certificate Furnished (Pg. 93)	Sh Abhijit Sadan BE Civil Engineering Year of completion : 2017 Experience as Site Engineer cum Material Engineer is 6 Yrs	Degree Certificate Furnished (Pg. 233)	Sh Kannan AN BE Civil Engineering Year of completion : 2015 Experience as Site Engineer cum Material Engineer is 9 Yrs	Degree Certificate Furnished (Pg. 65)
	iii) Electrical Engineer - I	Minimum Qualification Graduation in Electrical Engineering + 5 years' Experience on Solar Electrical works	1		Sh. R Gandhi BE Electrical Engineering Year of completion : 2010 Experience 14 years Experience on Electrical works	Degree Certificate Furnished (Pg. 121)	Sh. Rajiv K BE Electrical Engineering Year of completion : 2013 Experience 6 years Experience on Electrical works	Degree Certificate Furnished (Pg. 75)	Sh. Jijith K BE Electrical Engineering Year of completion : 2019 Experience 5 years Experience in Solar Electrical works	Degree Certificate Furnished (Pg. 98)	Smt. Dhanalakshmi Radhakrishnan BE Electrical Engineering Year of completion : 2016 Experience 8 years Experience on Electrical works	Degree Certificate Furnished (Pg. 243)	Sh. Karthick Raj G BE Electrical Engineering Year of completion : 1998 Experience 12 years Experience on Electrical works	Degree Certificate Furnished (Pg. 70)
	iii) Electrical Engineer - II	Minimum Qualification Graduation in Electrical Engineering + 5 years' Experience on Solar Electrical works	1		Sh. M Raguraman BE Electrical Engineering Year of completion : 2014 Experience 10 years Experience on Electrical works	Degree Certificate Furnished (Pg. 153)	Sh. Gagan R BE Electrical Engineering Year of completion : 2011 Experience 8 years Experience on Electrical works	Provisional Certificate Furnished (Pg. 77)	Sh. Thanveer AH BE in Electrical Engineering Year of completion : 2019 Experience 5 years Experience on Solar Electrical works	Degree Certificate Furnished (Pg. 102)	Sh. Gokul V BE Electrical Engineering Year of completion : 2019 Experience 5 year Experience on Electrical works	Degree Certificate Furnished (Pg. 472)	Smt. JayaRani R BE Electrical Engineering Year of completion : 2014 Experience 9 year Experience on Electrical works	Degree Certificate Furnished (Pg. 75)
	iii) Electrical Engineer - III	Minimum Qualification Graduation in Electrical Engineering + 5 years' Experience on Solar Electrical works	1				Sh. M Sathish Kumar BE Electrical Engineering Year of completion : 2011 Experience 8 years Experience on Electrical works	Degree Certificate Furnished (Pg. 79)	Sh. Kevin Jerome Thomas BE in Electrical Engineering Year of completion : 2019 Experience 5 years Experience on Solar Electrical works	Degree Certificate Furnished (Pg. 109)	Sh. Akshay C V BE Electrical Engineering Year of completion : 2019 Experience 5 years Experience on Electrical works	Degree Certificate Furnished (Pg. 238)	Smt. Srimugadevi M BE Electrical Engineering Year of completion : 2015 Experience 7 years Experience on Electrical works	Degree Certificate Furnished (Pg. 80)
	iii) Electrical Engineer - IV	Minimum Qualification Graduation in Electrical Engineering + 5 years' Experience on Solar Electrical works	1				Sh. Bharath BE Electrical Engineering Year of completion : 2009 Experience 5 years Experience on Electrical works	Degree Certificate Furnished (Pg. 81)	Sh. Nithin Alias BE in Electrical Engineering Year of completion : 2019 Experience 5 years Experience on Solar Electrical works	Degree Certificate Furnished (Pg. 113)	Sh. Vinod P B BE Electrical Engineering Year of completion : 2019 Experience 8 years Experience on Electrical works	Degree Certificate Furnished (Pg. 251)	Smt. Jasmine Ruby R BE Electrical Engineering Year of completion : 2015 Experience 8 years Experience on Electrical works	Degree Certificate Furnished (Pg. 85)
10	Mandatory Documents to be uploaded in technical bid for Technical evaluation as per Table * Road Performance Parameter for Solar Double/Single Asrm street light under the head of additional maintenance standards in "Section VI" (Scope of work)	Requirement as per Bid Document		Road Performance Parameter for Solar Double/Single Asrm street light under Section-VI, (S.No.22 in Pg 110)	Furnished/Not Furnished		Furnished/Not Furnished		Furnished/Not Furnished		Furnished/Not Furnished		Furnished/Not Furnished	
		Catalogue for Luminaire			Not Furnished		Not Furnished		Furnished (P.No.165)		Furnished (P.No.132)		Furnished (P.No.114)	
		Battery (25.6V 60Ah, 1536Whr with 2000 cycles life & (SMF) Sealed Maintenance Free Type)			Not Furnished		Not Furnished		Furnished the Battery specifications as 25.6V 60 Ah (P.No.228)		Furnished the Battery specifications as 25.6V 60 Ah (P.No.195)		Furnished the Battery specifications as 25.6V 60 Ah (P.No.141)	
		Test report as per TTC IP66, IK10, LM79, TM-21-11			Not Furnished		Not Furnished		Furnished the test report as per IP 66, IK 10, LM 79,TM 21-22 (P.No.166 to 180)		Furnished the test report as per IP 66, IK 10, LM 79,TM 21-22 (P.No.133 to 147)		Not Furnished the test report as per IP 66, IK 10, LM 79,TM 21-22	
		Pole GA Drawing (9 metres height hot dip galvanized Octagonal Pole made of BSEN10025 GI with min top 90mm and bottom 210mm dia made of min 3mm sheet thickness)			Not Furnished		Not Furnished		Furnished the GAD has 9m Pole height (P.No.231)		Furnished the GAD has 9m Pole height (P.No.198)		Not Furnished the GAD	
		Foundation drawing			Not Furnished		Not Furnished		Furnished (P.No.233)		Furnished (P.No.199)		Furnished (P.No.138)	
		Structural Stability report (suitable for 39m/s and SBC 10 MT/m2)			Not Furnished		Not Furnished		Report Furnished suitable for 39m/s and SBC 10MT/sqm (P.No.234)		Report Furnished suitable for 39m/s and SBC 10MT/sqm (P.No.201)		Not Furnished	
		Lighting Design report achieving desired lux level i.e., Min 40 Lux			Not Furnished		Not Furnished		Furnished the Lighting Design report achieving Min 40 Lux (P.No.247)		Furnished the Lighting Design report achieving Min 40 Lux (P.No.214)		Not Furnished	
		Lighting OEM Manufacturer authorization			Not Furnished		Not Furnished		Furnished (P.No.9)		Furnished (P.No.131)		Furnished (P.No.234)	
		11	Information on litigation history in which the Bidder is involved		Furnished / Not Furnished		Section-II, Clause 4.2 (j) (Pg 10) Section-III, Clause 1.7 (Pg 34)	Furnished (Pg.12)		Not Furnished		Furnished (Pg. 41)		Furnished (Pg. 56)
12	Affidavit on Stamp paper that information furnished in bid document in correct in all respects	Furnished / Not Furnished		Section-II, Clause 4.4 B (a) (i) (Pg 11) Section-III (Pg 34)	Furnished (Pg.6.)		Furnished (Pg.96.)		Furnished (Pg.11.)		Furnished (Pg.48.)		Furnished (Pg.50.)	
13	Undertaking (Minimum cash flow upto 25%)	Furnished / Not Furnished		Section-III, Clause 2(ii) (Pg 34 & 36)	Furnished (Pg.8.)		Furnished (Pg.97.)		Furnished (Pg.15.)		Furnished (Pg.61.)		Furnished (Pg.52.)	
14	Undertaking (For Bid Validity of 120 days)	Furnished / Not Furnished		Section-III, Clause 2(iii) (Pg 34 & 37)	Furnished (Pg.9)		Furnished (Pg.98)		Furnished (Pg.13)		Furnished (Pg.62)		Furnished (Pg.53.)	
15	Undertaking Refer Cl. 4.4 (B) (b) (i)	Furnished / Not Furnished		Section-II, Cl. 4.4 (B) (b) (i) (Pg 11)	Furnished (Pg.10)		Furnished (Pg.99)		Furnished (Pg.14)		Furnished (Pg.63)		Furnished (Pg.87)	
16	Letter of Application as per format in Section-IV	Furnished / Not Furnished		Section-III, Clause 2(vi) (Pg 34 & 44)	Furnished (Pg.10)		Not Furnished		Furnished (Pg.10)		Furnished (Pg.54)		Furnished (Pg.2)	
Recommendations of Committee		Responsive / Non-responsive			Tender Evaluation Committee recommends to consider the bid as "Non Responsive"		Tender Evaluation Committee recommends to consider the bid as "Non Responsive"		Tender Evaluation Committee recommends to consider the bid as " Responsive"		Tender Evaluation Committee recommends to consider the bid as "Responsive"		Tender Evaluation Committee recommends to consider the bid as "Non Responsive"	
					Non Responsive		Non Responsive		Responsive		Responsive		Non Responsive	


(Prabhata Chandra Nirmohi)
Member


(Sumit Dewda)
Member


(Mahendra Meena)
Member


(V Nagaraj)
Member


(Keerthi Bharadwaj)
Convener