

# Mahindra Origins

## Pre-Bid Meeting

*Package – P1 E1*

*25<sup>th</sup> April 2019*



# Agenda

- *Project Brief*
- *Expectations from Contractor*
- *Response to Pre-Bid Queries*



# Team

**Project Company:**  
**Mahindra Industrial Park Private Ltd**

**ORIGINS**  
by **Mahindra** WORLD CITY  
Where Business Comes To Life

**Partners:**  
**Project Management Consultants**



*Achieve Ambitions*

**Design Consultants**



**Master Planners**



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# Project Brief



*Location – Jansali, Ahmedabad – Rajkot Highway*

*Area – 340 acres*

*Current Scope – Priority 1 Extent 1*

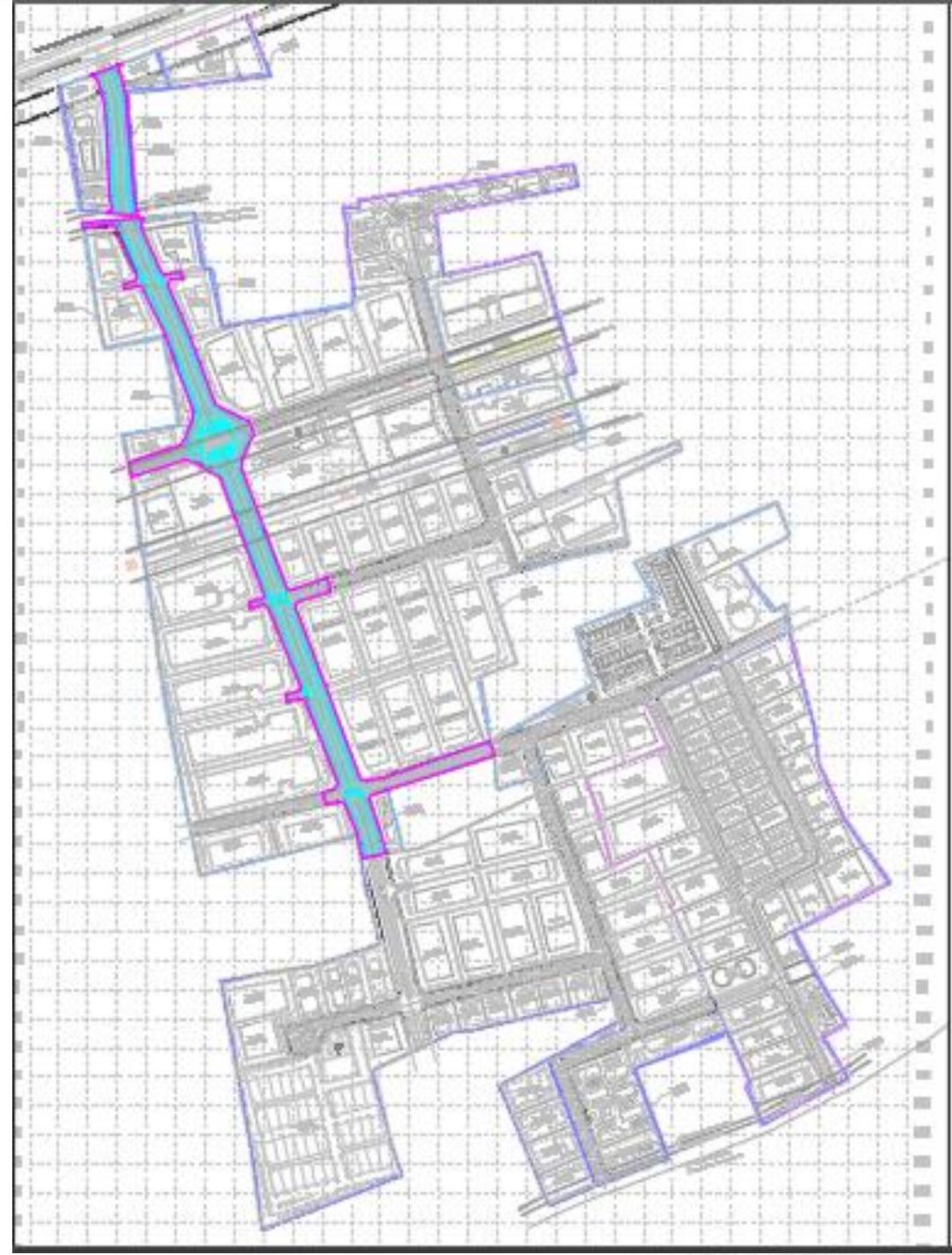
*Timeline – 12 months*



# Package – Priority 1 Extent 1 (P1E1)

## *Scope of Works*

- *Road Works – 40m and 24m*
- *Box Culvert at Entrance and Swale*
- *Incoming Water Tank (GWSSB Tank)*
- *Internal Storm Water Drain*
- *Road Crossings*
- *Man-holes*
- *Pond Excavation*
- *Site Office*
- *Street Lighting*



# General Expectation from Contractors



- *Fair, Transparent and Ethical Working*
  - Contractor to follow all Statutory Norms
  - Contractor to abide by Ethics Policy of MIPPL and JLL
  - Contractor to give utmost priority to safety and quality
- *Pro-active and Solution Orientated Attitude*
  - Contractor to highlight any discrepancy in tender before award
  - Contractor to take utmost care to highlight any variations/extra items well in advance
  - Contractor is expected to give engineering suggestions for benefit of project
- *Forward thinking Approach*
  - Contractor must quote keeping the entire development in mind
  - Amendment to scope of works is subject strictly to performance in P1E1

# Response to Commercial Query



Sr.No	Query type	Reference Clause	Query Description	Response
1	Mobilisation Advance		We request to pay mobilisation advance 10% of contract value against multiple BG.	No mobilization advance will be paid
2	Defects Liability Period - 36 Months	IN SCC, Page No. 191, Clause No. 11	As per standrad practice in construction industry DLP period shall be 12 month., Pl. confirm.	DLP will be 36 months
3	Performance Guarantee - 10% of contract value. The contractor shall Submit Performance Guarantee in the form of bank Guarantee of 10% of contract price within 14 days from the date of receipt of Letter of Acceptance The validity of BG shall be till the defect liability period plus 90 days The format of BG will be shared by MIPPL accordingly.	IN SCC, Page No. 188, Clause No. 4.2		Performance Guarantee shall be 10%
4	Retention money - 5% of ecah RA Bill. Cash retention equivalent to 5% of certified gross bill value will be deducted as Retention money from each RA Bill. The Retention Money will be due for payment upon completion of the defects liability period. Retention money shall be released upon submission of Bank Guarantee. The validity of BG shall be till the defect liability period.	In SCC, Page No. 193, Clause No. 188	We request to consider Retention cum Performance total 5% in the form Bank Guarantee valid up to 12 month DLP, Pl. confirm.	Retention shall be 5% DLP shall be 36 months
5	Working Hours - 9.00AM till 6.00PM, Monday till Saturday.	APPENDIX TO TENDER, Page No. 26, Clause No. 6.5	As per priority & rquirement at site extra working hours shall be allowed.	Yes, working hours shall be as per project requirements
6	Nominated Sub Contractor-Charges	IN SCC, Page No. 189, Clause No. 5, Coordination and Site Set-up Charges at the rate of maximum 5% on basic cost of nominated sub-contractor.	We request to consider Coordination and Site Set-up Charges at the rate of 8% instead of 5%., Pl. confirm.	We will keep coordination charge at 5%
7	Extra Items/Variation Items		We shall be paid 20% as overheads & profit on Cost of material +labour, water, electricity +incidentals, safety, Tools, Plant &Machinery and the taxes GST as applicable	15% for profits and overheads
8	Basic rates - Schedule B		We presume that all given basic rates considered for all BOQ items., Pl. confirm.	Yes
9	Submission of Tender	29th April, 2019 before 11:00 AM in HARD COPY only (Sealed Envelope).	We request you to extend the submission date by 5 days.	Tender shall be submitted in Hard Copy on 29th April, before EOD

# Response to Commercial Query



Sr.No	Query type	Reference Clause	Query Description	Response
10	GCC-14.2: Mobilization Advance	10% of Contract Value	Conflict between two Please clarify the same ( We request to keep mobilization advance at 10% as per industry standard)	SCC shall prevail
	SCC: Advance Payment	No Mobilization advance shall be paid		
11	14.7 PAYMENT	An Ad-hoc Payment of 60% of the net payable amount of the Interim Application for Payment submitted taking into account all recoveries, advance payment, material advance, taxes etc. shall be made not later than 10 (Ten) days from acceptance of the Application for Payment by the Project Manager.	Please clarify the same	SCC shall prevail
	SCC: Payments – Ad-hoc Payments	No ad-hoc payment shall be made		
12	Labour cess		We assume the labour cess is in Client Scope	Yes
13	Third Party Cross Liability Policy		Please clarify the same Also, we request you to wave off the condition to obtain third party liability	No; The third party cross liability policy shall be procured by contractor. CAR policy is taken by Project Company
14	SCHEDULE ‘A’	All materials stated under Schedule B above required by the Contractor shall be arranged and supplied by the Project Company	Conflict between two Please clarify the same	Project Company shall not supply any material. The materials shall be procured by contractor.
	SCHEDULE ‘B’	BASIC RATE MATERIALS TO BE PROCURED BY CONTRACTOR		
15	SCHEDULE ‘B’:Basic Rate Adjustment	The said wastage limits are applicable for the payment of variation of the basic rates only for materials so specified herein.	Please clarify the same	Agreed wastage (i.e. up to the permissible limit(s) stipulated under contract conditions) shall be considered in basic rate variation calculation. Quantities ‘measured for bill payment’ shall be taken into consideration for this purpose.
	SCC - 13: Variations and Adjustments Calculation Methodology for Basic Price items	Such basic rate variation will only be paid for respective items on quantities of work done certified in RA Bills. No wastage is permissible for calculation of basic rate variation.		
16	Defects Liability Period	Sub Clause - 1.1.3.7 - Defect Liability Period	We request you to please consider DLP as 18 months.	DLP will be 36 months

# Response to Commercial Query



Sr.No	Query type	Reference Clause	Query Description	Response
17		Sub Clause - 4.2 - PBG - Performance Guarantee	We request to consider 5 % in the form of a PBG	PBG shall be 10%
18		Sub Clause - 14.2 - Mobilization Advance	We request to consider 10% as mobilization advance against an ABG	No mobilization advance will be paid
19		Sub Clause - 14.3b - Percentage of Retention	We request you to please exculde the GST percentage from the deduction.	Okay
20		Sub Clause - 14.7 - Ad - Hoc Payment	We request to consider 70% Ad-Hoc Payment asgainst the submission of RA bill to be released in 7 days from the date of submission.	SCC shall prevail
21		Sub Clause - 14.8 - Percentage of Retention	We request you to please exculde the GST percentage from the deduction.	Okay
22		Sub Clause - 14.5 c - Material Advance	We request to consider release of material advance of 70% on the delivery of the material to the site.	SCC shall prevail
23		Clause 1.16 (C section Para - 3 & Page 46)	Clarity on Availing of Credit of Input of GST by Contractor	Input Material and their GST rate would have to be calculated and to be compared with the output rate and amount. The difference would have to be discounted in the rate negotiated. Currently rates to be quoted without GST. GST to be added extra.
24		Page 147 (NOTE - Para '2')	Clarity on word 'ABUSED' of material by contractor	Any use other than standard use and normal wear and tear
25		Sub Clause 1.1.3.7 (page No : 26 )	defect liability period shall be considered as 12 Months in sted of 36 Months	DLP will be 36 months
26		Sub Clause 4.2 ( Page No : 27 0	Performance Guarantee shall be 5 % of contract value in sted of 10 %	PBG shall be 10%
27		Sub Clause 14.2 (a) & (b)( Page No: 27 )	Total advance payment and Starting from 3rd RA bill on pro rata basis means	No mobilization advance will be paid
28		Sub Clause 14.2 (Page no-192 )	No advance payment & Differs from above of page no: 27 .	SCC shall prevail

# Response to Technical Query



Sr.No	Query type	Reference Clause	Query Description	Response
1	1.2 Entrance Box Culvert	For BOQ item No. 10.10, Providing 12 mm, thick, premoulded asphalt filler joint as per drawings and specification.	We request provide size of joint & unit in Rmt instead of Sqm.	Thickness is already specified ,hence Sqm Measurement is Ok.
2	1.3 GWSSB Tank 50 KL	For BOQ item No. 8.3, Rubble soiling	We presume that rubble soiling 230mm thk, Pl. confirm.	Already Shown in Drawing
3		For BOQ item no. 8.15, Waterproofing		
4		For BOQ item no. 8.15.1, Raft - (Approved Crystalline Admix) Unit = Cum	As the unit in Cum, so we request to provide grade of concrete.	M -30 Grade
5		For BOQ item no. 8.15.2, Tank wall waterproofing (Approved Acrylic Polymer, Plaster and food Grade Epoxy water proofing system Inner side and Crystalline water proofing in outer surface)	We request separate out the following items, Acrylic polymer plaster - Pl explain scope of work Food grade Epoxy water proofing system Crystalline waterproofing system outer side	Food grade epoxy waterproofing will be done first on RCC from inside. Acrylic polymer plaster is polymer modified plaster (one coat- 12mm minimum )and will be used inside the UG tank after waterproofing coat with proper haunching. From outside Crystalline waterproofing will be done which will be cementitious integral waterproofing.
6		Backfilling with earth from outside	Can we consider locally available yellow soil for back filling work.	If that material is as per the specifications given in Mort&h, that can be used Subject to approval of PMC and Engineer -in-charge
7		RMC M 40, M25	We request you to please share the basic rates.	Basic Rates: M25-Rs. 3,470/cum; M40-Rs. 3,875/Cum
8		1.2-Entrance Box Culvert-Item No :10.11	600 mm tk Filter Media to be in Cum in sted of SQM	Thickness is already specified ,hence Sqm Measurement is Ok.
9		1.2-Entrance Box Culvert-Item No :10.12	weep hole pipe of A.C pipe or PVC Pipe.Length of Pipe required to Quote in NO.	Length should be as per wall/slab thickness. It should be PVC pipe (6 kg/cm2)
10		1.2-Entrance Box Culvert-Item No :10.13	Grating size and G I Pipe length required to quote in No .	Grating Size 262 mm x 262 mm. GI pipe (class B) (100mm dia) projected 300 mm below from soffit of Slab
11		1.3 GWSSB tank 50 KL- Item No : 8.8	Form work Qty to be checked	Consider qty of formwork as 165 sqm
12		1.3 GWSSB tank 50 KL- Item No : 8.15.1	Qty of Water proofing of raft to be in SQM instead of Cum	BOQ description and quantity to be followed

# Response to Technical Query



Sr.No	Query type	Reference Clause	Query Description	Response
13		1.4 Road estimate-Item no: 9.10	Excavation for road work with top soil removing of 300 mm (minimum ) depth-Qty to be check and disposal of soil within site premises.	BOQ description and quantity to be followed
14		1.4 Road estimate-Item no: 9.20	construction of embankment with filling of height 1500 mm as per drawing -Qty to be check	BOQ description and quantity to be followed
15		1.6 Swale box culvert	No Qty of weep hole pipe of A.C pipe or PVC Pipe	PVC pipe As per quantity given in BOQ
16			No Qty of M S railing as shown in drawing.	BOQ description and quantity to be followed
17		1.7 ISD Pedestrain-Item no : 12.10	FRC jali 600 x600 thichness not given	FRC Grating of light duty specification shall be adopted in areas of pedestrian movement. Heavy duty (40 Ton) grating shall be used for vehicular loading areas
18		1.7 ISD Pedestrain-Item no : 12.11	Vertical Kerb of 100 x450 mm -thickness not given	Thickness is 25 mm.
19		1.9 Electric pole -Item No : 14.2	Qty of form work not given	Rate is inclusive of form work
20		1.9 Electric pole -Item No : 14.4	Anchor bolt fixing-Size is not given	Size of Anchor bolt is 24 mm Dia and Length 750 mm
21		2.8 Electrical P-1 E-1	Electrical works items to be done in civil work scope ?	Yes, Specifications and drawings attached
22		Rubble of Apron	Can we consider best locally available material for the same work.	Material Should fulfill all requirement as per technical specification
23		PVC pipes for Weep Hole	Please confirm the length of the pipes to be inserted.	Length should be as per wall/slab thickness. It should be PVC pipe (6 kg/cm2)
24		Medium duty chamber seat - GWSSB	Can we consider Fuji - Silvertch make.	It should be subject to approval of EIC and PMC
25		9.2 - Road Work	Can we consider locally available yellow soil for back filling work.	Material Should fulfil all requirement as per technical specification

# Response to Technical Query



Sr.No	Query type	Reference Clause	Query Description	Response
26	Mix Design	Concrete Mix Design	We will consider the Concrete Mix Design as per IS 456 including flyash, Please confirm	Approved Mix design shall be considered
27	All Concrete Works - Sitemix OR RMC supply		Considering quantum of concrete work, We will use commercial RMC supply for all concrete in that area considering the Concrete Mix Design as per IS 456 including flyash. OR we will use site mix design by RM 800 plant.	Subject to approval of PMC and Engineer -in-charge
28	Local Material		We will use locally available (Nearby region) best quality material (Bricks, Aggregate, Rubble, Murom, Dust and Crushed, River Sand, RCC Pipes, Kerb stone, Paver Blocks, Solid Blocks, AAC Blocks etc) and construction practice with prior approval & with relevant specifications.	Subject to approval of PMC and Engineer -in-charge
29	Space for Site establishment		The space for site establishment, site offices, canteen, toilets, Plant & machinery, Reinforcement, Labour Colony & Fabrication yards etc shall be provided within premises free of cost.	All site establishment other than labour colony shall be as per BOCW regulations and space shall be provided free of charge. Labour colony shall be outside site premise and space shall be arranged by contractor at his own cost
30			Non Tender items to be executed considering 15 % OH & Profit above actual working	15% OH & Profits on approved Rate analysis
31			RA Bill submission and payment schedule.	As per SCC
32			Rate difference to be paid as per actual for basic rates items	As per SCC
33			Submission of tender all documents in hard copy or confirmation in submission letter for acceptance of terms and conditions of documents	Tender shall be submitted in hard copy
34		Item- 10.11	Filter media 600mm thick to filled mentioned in BOQ. Kindly clarify the material specification of filter media (size of aggregates). Filter Details not mentioned in tender drawings also.Please clarify.	Refer attached Specification
35		Item - 8.11	PVC water stopper wide and thk required. Make of material name not mentioned. Please provide approved make for water stopper.	Thickness 25mm

# Readiness for Techno-Commercial Meeting



- *Proposed Execution Strategy*
- *Mobilization Timeline*
- *Site Set Up*
- *Activity Sequencing*
- *Safety & Quality Standards*
- *Engineering Suggestions*
- *Coordination Plan with Nominated Sub-Contractor*
- *Plan to Cater Increased Scope of Works*

*Thank you*