

GOVERNMENT OF INDIA
MINISTRY OF URBAN DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO. 1284

TO BE ANSWERED ON NOVEMBER 23, 2016

METRO RAIL PROJECTS

No. 1284 SHRI RAMESH CHANDER KAUSHIK:
 SHRIMATI RITI PATHAK:
 PROF. K.V. THOMAS:
 DR. UDIT RAJ:
 SHRI KUNWAR PUSHPENDRA SINGH CHANDEL:
 SHRI RAJAN VICHARE:
 SHRI K. PARASURAMAN:

Will the MINISTER OF URBAN DEVELOPMENT be pleased to state:

- (a) the details of metro rail proposals received by the Government during each of the last three years and the current year, stretch, city and State/ Union Territory-wise along with the estimated cost of each stretch;
- (b) the details of proposals cleared and lying pending stretch, city and State-wise along with the reasons for pendency and the time by which pending proposals are likely to be cleared;
- (c) the funds sanctioned, released and utilized during the above period for various projects, stretch, city and State/Union Territory-wise;
- (d) the progress of various under construction and sanctioned metro rail stretches and the time by which these are likely to be completed and operationalized, stretch and city-wise;
- (e) whether foreign agencies/countries are providing assistance financial or otherwise to various metro rail projects and if so, the details thereof; and

(f) whether various metro rail projects are going behind schedule and if so, the details thereof, stretch and city-wise and the details thereof, stretch and city-wise and the details of cost escalated as a result thereof along with the steps taken/being taken to complete these projects within a reasonable period of time?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT
(RAO INDERJIT SINGH)

(a) & (b) : The details of metro rail proposals received/sanctioned/pending during the last three years and the current year along with the names of stretch and the estimated cost stretch wise, State/UT-wise are given in Annexure-I & IA.

(c) The details of funds sanctioned / released by the Government of India and utilization of funds by Metro Companies during the last three years and current year are given in Annexure-II.

(d): The details of progress of under construction and sanctioned metro rail stretches and the time by which these are likely to be completed are given in Annexure-III.

(e) The details of foreign assistance provided by foreign agencies/countries to various metro rail projects are given in Annexure-IV.

(f) Bangalore and Chennai Metro Rail Projects are running behind schedule. The details of these two metro rail projects along with reasons of delay are given in Annexure-V. The approved project cost of Bangalore Metro Project Phase-1 was revised in July, 2015 from Rs.11,609.00 crore to Rs.13,845.01 crore due to increase in land cost, system work including depot and fluctuations in foreign currency. There is no escalation of project cost of Chennai Metro Rail Project.

X-X-X-X-X

Annexure-I

ANNEXURE-I REFERRED TO IN REPLY TO PART (a) & (b) OF THE LOK SABHA UNSTARRED QUESTION NO. 1284 FIXED FOR ANSWER ON 23.11.2016 REGARDING METRO RAIL PROJECTS ASKED BY SHRI RAMESH CHANDER KAUSHIK, SHRIMATI RITI PATHAK, PROF. K.V. THOMAS, DR. UDIT RAJ, SHRI KUNWAR PUSHPENDRA SINGH CHANDEL, SHRI RAJAN VICHARE, SHRI K. PARASURAMAN.

DETAILS OF THE PROPOSALS RECEIVED/SANCTIONED/PENDING AND REASONS FOR PENDENCY DURING THE LAST THREE YEARS AND CURRENT YEAR WITH ESTIMATED COST OF PROJECTS

State/UT from which Proposal received	Project	Stretch of the Project	Estimated/ Approved Cost (Rs in crore)	Sanctioned/ not-sanctioned	Reason for Pendency & time by which the proposals are likely to be cleared
Maharashtra	Mumbai Metro Line 3	The information is attached at annexure IA.	23,136.00	Sanctioned	--
Karnataka	Bangalore Metro Rail Project Phase-2		26,405.14	Sanctioned	
Rajasthan	Jaipur Metro Rail Project Phase-1		3,149.00	Sanctioned	
Gujarat	Ahmadabad Metro Rail Project Phase-1		10,773.00	Sanctioned	
Maharashtra	Nagpur Metro Rail Project		8,680.00	Sanctioned	
Uttar Pradesh	Lucknow Metro Phase 1A		6,928.00	Sanctioned	
Tamil Nadu	Extension of Chennai Metro		3,770.00	Sanctioned	
Andhra Pradesh	Vijayawada Metro Project (Including Land Cost)	6,823.00*	Not yet Sanctioned#	Sanction of Metro Rail projects is an ongoing process which requires extensive consultations with all stakeholders. No time limit can be specified for sanction of Metro Rail projects. Therefore, there is no pendency.	
Uttar Pradesh	Metro Extension from Noida City Centre to Sector 62 Noida	2,079.00*	Not yet Sanctioned		
Uttar Pradesh	Kalindi Kunj to Botanical Garden, Noida	1,074.00*	Not yet Sanctioned		
Uttar Pradesh	Metro Connection between Noida and Greater Noida	5,503.00*	Not yet Sanctioned		
NCT of Delhi	Extension of Najafgargh -Dhansa	602.00*	Not yet Sanctioned		
Maharashtra	Pune Metro Rail Project Phase-I	11,420.00*	Not yet Sanctioned#		
Kerala	Kochi Metro Project Phase-IB	2,024.00*	Not yet Sanctioned		
Kerala	Light Metro Rail Project – Thiruvananthapuram	4354.00*	Not yet Sanctioned		
Kerala	Light Metro Rail Project – Kozhikode	2590.00*	Not yet Sanctioned		
Madhya Pradesh	Indore Metro Project	7,523.00*	Not yet Sanctioned		
	Bhopal Metro Project	6,963.00*	Not yet sanctioned		
Bihar	Patna Metro Project(Including Land Cost & State Taxes)	16,960.00*	Not yet Sanctioned		
Assam	Guwahati Metro Project	18,020.00*	Not yet Sanctioned		

Accorded in-principle approval without any financial commitment from Government of India; *Estimated cost

State/UT from which Proposal received	Project	Stretch of the Project	Estimated/ Approved Cost (Rs in crore)	Sanctioned/ not-sanctioned	Reason for Pendency & time by which the proposals are likely to be cleared
Uttar Pradesh	Kanpur Metro Project	The information is attached at annexure IA.	17,879.00*	Not yet Sanctioned	
	Varanasi Metro Project		18,125.00*	Not yet Sanctioned	
Andhra Pradesh	Vishakhapatnam Metro Rail Project		9,736.00*	Not yet Sanctioned	State Government has sent the proposal for taking up the project on PPP^^ mode.
Chandigarh, Haryana, Punjab.	Metro Rail Project in Greater Chandigarh Region		13,909.00*	Not yet Sanctioned	DPR^ has been returned to Chandigarh Administration to resubmit the revised DPR^.
Uttar Pradesh	Extension of Delhi Metro from Dilshad Garden to Ghaziabad (New Bus Adda)		1,770.00*	Not yet Sanctioned	The approval of State Government has not been received.
NCT of Delhi	Extension of Metro from Badli to Siraspur		215.00*	Not yet Sanctioned	Approval of GNCTD** has not been received.
Maharashtra	Mumbai Metro line 2A (State Govt. Project)		5,925.00	-	The State Government has only sought
Maharashtra	Mumbai Metro line 7 (State Govt. Project)		5,877.00	-	sovereign loan assistance. MoUD has recommended to Department of Economic Affairs, Ministry of Finance for consideration of the same.
NCT of Delhi	Delhi Metro Phase –IV		55,208.00*	Not yet sanctioned	DPR^ returned to DMRC to resubmit after clear-cut approval of GNCTD and DMRC.
Kerala	Kochi Metro Phase-1 Extension		420.00*	-	Proposal has been returned to the State Government of Kerala to take up the project with their own funding in terms of earlier Memorandum of Understanding.

***Estimated cost; **Government of National Capital Territory of Delhi; ^Detailed Project Report; ^^ Public Private Partnership.**

Annexure- IA

ANNEXURE-IA REFERRED TO IN REPLY TO PART (a) & (b) OF THE LOK SABHA STARRED QUESTION NO. 1284 FIXED FOR ANSWER ON 23.11.2016 REGARDING METRO RAIL PROJECTS ASKED BY SHRI RAMESH CHANDER KAUSHIK, SHRIMATI RITI PATHAK, PROF. K.V. THOMAS, DR. UDIT RAJ,SHRI KUNWAR PUSHPENDRA SINGH CHANDEL,SHRI RAJAN VICHARE, SHRI K. PARASURAMAN.

STRETCHES OF THE METRO PROJECTS

Mumbai Metro Line 3 Mumbai Metro Line 2A Mumbai Metro Line 7	Colaba – Bandra-SEEPZ Dahisar(E)- D.N. Nagar Andheri (E)- Dahisar(E)
Bangalore Metro Rail Project Phase 2	a. Eastern Extension of E-W line: Mysore Road Terminal – Kengeri. b. Eastern Extension of E- W line : Baiyappanahalli to ITPL – Whitefield c. Northern Extension of N-S Line: Hesaraghatta Cross – BIEC d. Southern Extension of N-S line : Puttenahalli Cross - Anjanapura Township (up to NICE Road) e. New Line : N-S : IIMB - Nagawara f. New Line – E-W : R.V. Road - Bommasandra
Jaipur Metro Rail Project Phase-1(State owned project)	Mansarovar - Badi Chaupar
Ahmadabad Metro Rail Project Phase-I	(i) North South Corridor : APMC – Motera Stadium (ii) East West Corridor : Thaltej Gam – Vastral Gam
Nagpur Metro Rail Project	Line 1 (North South corridor) : Automotive Square – MIHAN Line 2 (East West corridor) : Prajapati Nagar – Lokmanya Nagar
Lucknow Metro Phase 1A	CCS Airport-Munsi Pulia
Extension of Chennai Metro	Washermenpet – Wimco Nagar
Pune Metro Rail Project Phase-I	Corridor-1 : PCMC - Swargate Corridor-2 :Venaz - Ramwadi
Extension of Delhi Metro from Dilshad Garden to Ghaziabad (New Bus Adda)	Dilshad Garden - Ghaziabad New Bus Adda
Metro Extension from Noida City Centre to Sector 62 Noida	Noida City Centre - Noida Sector 62
Kalindi Kunj to Botanical Garden	Kalindi Kunj - Botanical Garden, Noida
Extension of Najafgarh – Dhansa	Najafgarh – Dhansa
Extension of Metro from Badli to Siraspur	Badli – Siraspur
Metro connection between Noida and Greater Noida	Noida City Centre - Greater Noida
Delhi Metro Rail Project Phase-IV	(i) Aerocity - Tughlakabad Corridor (ii) Lajpat Nagar - Saket, G Block Corridor (iii) Inderlok - Indraprastha Corridor (iv) Janakpuri West - R.K. Ashram Corridor (v) Mukundpur - Maujpur (vi) Rithala – Bawana – Narela
Kochi Metro Phase-1 Extension	Petta - SN Junction
Vijayawada Metro Project	(i) Pandit Nehru Bus Terminal - Penamaluru (ii) Pandit Nehru Bus Terminal – Nidamanuru
Vishakhapatnam Metro Project	(i) Gajuwaka Junction- Kommadi Junction (ii) Gurudwara –Old Post Office (iii) Tadichetlapalem-junction – East Point
Kerala Light Metro Rail Project – Thiruvananthapuram	Technocity Station – Karamana Station

Kerala Light Metro Rail Project – Kozhikode	Medical College – Meenchanda
Kochi Metro Rail Project(Phase-IB)	Jawaharlal Nehru Stadium I Info Park via Kakkanad
Great Chandigarh Region Metro Rail Project	(i) Capital to Gurudwara Singh Shaheeda (ii) Transport Terminus to Grain Market
Bhopal Metro Project	(i) Corridor-1: Karond Square to AIIMS (ii) Corridor-2: Bhadbhada Square to Ratnagiri Tiraha
Indore Metro Project	Bengali Square via Palasia, Bhawarsala, Gandhi Nagar, Vijay Nagar, Radison, Khajrana to Bengali Square (Ring type)
Patna Metro Project	(i) East-West Corridor: Danapur – Mithapur via Patna Railway Station. (ii) North-South Corridor: Patna Railway Station – New ISBT via Gandhi Maidan, PMC, Rajendra Nagar Railway Station.
Kanpur Metro Project	(i) Corridor-1: IIT Kanpur to Naubasta. (ii) Corridor-2: Agriculture University to Barra-8
Varanasi Metro Project	(i) Corridor-1: BHEL to BHU. (ii) Corridor-2: Benia Bagh to Sarnath.
Guwahati Metro Project	(i) Danapur to Narengi (ii) Khanapara to Guwahati Railway Station. (iii) Guwahati University to Khanapara. (iv) ISBT to Paltan Bazar

Annexure-II

ANNEXURE-II REFERRED TO IN REPLY TO PART (c) OF THE LOK SABHA UNSTARRED QUESTION NO. 1284 FIXED FOR ANSWER ON 23.11.2016 REGARDING METRO RAIL PROJECTS ASKED BY SHRI RAMESH CHANDER KAUSHIK, SHRIMATI RITI PATHAK, PROF. K.V. THOMAS, DR. UDIT RAJ,SHRI KUNWAR PUSHPENDRA SINGH CHANDEL,SHRI RAJAN VICHARE, SHRI K. PARASURAMAN.

DETAILS OF FUNDS SANCTIONED AND RELEASED BY GOVERNMENT OF INDIA AND UTILISATION OF FUNDS DURING THE LAST THREE YEARS AND CURRENT YEAR BY METRO CORPORATIONS ON 50:50 JOINT VENTURE BETWEEN GOVERNMENT OF INDIA (GOI) AND THE CONCERNED STATE/ UT GOVERNMENTS

(RS. IN CRORE)					
STATE/UT	PROJECT	FUNDS SANCTIONED** DURING THE LAST THREE YEARS (2013-2016)	FUNDS RELEASED** AND UTILISED DURING THE LAST THREE YEARS (2013-2016)	FUNDS SANCTIONED** IN THE CURRENT YEAR (2016-17)	AMOUNT RELEASED** AND UTILIZED IN THE CURRENT YEAR (up to 11.11.2016)
NCT of Delhi	Delhi Metro Phase II & III	10646.93	10636.66	7079.41	6987.46
NCT of Delhi and Haryana	Extension of Delhi Metro to YMCA Chowk, Faridabad				
NCT of Delhi	Dwarka to Najafgarh				
NCT of Delhi	Yamuna Vihar to Shiv Vihar				
NCT of Delhi	Mundka to Bahadurgarh				
Maharashtra	Mumbai Metro Line 3	318.07	173.56	500.00	500.00
West Bengal	Kolkata East-West Metro Corridor #	10.04	10.00	0.02	0.00
Karnataka	Bangalore Metro Rail Project Phase 1 & 2	3986.54	3462.16	667.17	541.77
Kerala	Kochi Metro Rail Ltd.	1329.95	1309.95	450.00	434.00
Tamil Nadu	Chennai Metro Phase-1	4903.13	4772.54	1587.00	1198.00
Rajasthan	Jaipur Metro Project Phase-1*	50.30	0.00	0.03	0.00
Gujarat	Ahmadabad Metro Rail Project Phase-1	366.29	366.26	660.00	186.00
Maharashtra	Nagpur Metro Rail Project	85.47	84.97	603.00	269.25
Uttar Pradesh	Lucknow Metro Project	155.92	140.92	410.00	160.00

** Includes Equity, Subordinate Debt and Pass Through Assistance; # Project transferred to Ministry of Railways, *State owned Project;

Annexure-III

ANNEXURE-III REFERRED TO IN REPLY TO PART (d) OF THE LOK SABHA STARRED QUESTION NO. 1284 FIXED FOR ANSWER ON 23.11.2016 REGARDING METRO RAIL PROJECTS ASKED BY SHRI RAMESH CHANDER KAUSHIK, SHRIMATI RITI PATHAK, PROF. K.V. THOMAS, DR. UDIT RAJ,SHRI KUNWAR PUSHPENDRA SINGH CHANDEL,SHRI RAJAN VICHARE, SHRI K. PARASURAMAN.

DETAILS OF PROGRESS OF UNDER CONSTRUCTION AND SANCTIONED METRO PROJECTS BEING IMPLEMENTED ON 50:50 JOINT VENTURE OF GOVT. OF INDIA AND STATE /UT GOVERNMENT AND LIKELY DATE OF COMPLETION OF METRO PROJECTS.

STATE/UT	PROJECT	APPROVED COMPLETION DATE	PHYSICAL PROGRESS (As on 31.10.2016)
NCT of Delhi	Delhi Metro Phase II & III	December, 2016 (in stretches)	78%
NCT of Delhi and Haryana	Extension of Delhi Metro to YMCA Chowk, Faridabad		
NCT of Delhi	Dwarka to Najafgarh		
NCT of Delhi	Yamuna Vihar to Shiv Vihar		
NCT of Delhi	Mundka to Bahadurgarh		
Maharashtra	Mumbai Metro Line 3	December, 2019	7%
Karnataka	Bangalore Metro Rail Project Phase I & II	Phase -1: Dec., 2015. Phase-2: 5 years from the date of start of work.	Phase-I 99.45% Phase-II 6.35%
Kerala	Kochi Metro Rail Ltd.	4 years from date of start work.	77%
Tamil Nadu	Chennai Metro Phase-1	December, 2015	88.50%
	Chennai Extension Metro Rail Project	March, 2018	0.50%
Gujarat	Ahmadabad Metro Rail Project Phase-1	March, 2018	16%
Maharashtra	Nagpur Metro Rail Project	March, 2018	20.50%
Uttar Pradesh	Lucknow Metro Rail Project	5 years from date of start work.	42.49%

Annexure-IV

ANNEXURE-IV REFERRED TO IN REPLY TO PART (e) OF THE LOK SABHA UNSTARRED QUESTION NO. 1284 FIXED FOR ANSWER ON 23.11.2016 REGARDING METRO RAIL PROJECTS ASKED BY SHRI RAMESH CHANDER KAUSHIK, SHRIMATI RITI PATHAK, PROF. K.V. THOMAS, DR. UDIT RAJ,SHRI KUNWAR PUSHPENDRA SINGH CHANDEL,SHRI RAJAN VICHARE, SHRI K. PARASURAMAN.

DETAILS OF FOREIGN ASSISTANCE TO METRO PROJECTS BEING IMPLEMENTED ON 50:50 JOINT VENTURE OF GOVT. OF INDIA AND STATE /UT GOVERNMENT.

SI No	Name of the Project	Amount of Loan			
		Japan International Co-operation agency (Rs. in crore)	Agence Francaise De Development	European Investment Bank	KFW Germany
1.	Delhi Mass Rapid Transport System Phase-I Phase-II Phase-III	6356.45 10231.62 19,335.00	-	-	-
2.	Bangalore Metro Rail Project (Phase-I)	3670.00	110.00 Million Euros	-	-
	Bangalore Metro Rail Project (Phase-II)	-	200.00 Million Euros	600.00 Million Euros*	-
3.	Chennai Metro Rail Project	8,646.00	-	-	-
	Chennai Metro project Extension	2141.00*	-	-	-
4.	Kochi Metro Rail Project	-	180.00 Million Euros	-	-
5.	Mumbai Metro Line-3 (Colba-Bandra-SEEPZ) Corridor	13,235.00	-	-	-
7.	Lucknow Metro Rail Project	-	-	450.00 Million Euros	-
8.	Ahmadabad Metro Rail Project	5,968.00	-	-	-
9.	Nagpur Metro Rail Project	-	130.00 Million Euros	-	500.00 Million Euros
10.	Kolkata East West Metro	2,253.00	-	-	-

*Proposed

Annexure-V

ANNEXURE-V REFERRED TO IN REPLY TO PART (f) OF THE LOK SABHA UNSTARRED QUESTION NO. 1284 FIXED FOR ANSWER ON 23.11.2016 REGARDING METRO RAIL PROJECTS ASKED BY SHRI RAMESH CHANDER KAUSHIK, SHRIMATI RITI PATHAK, PROF. K.V. THOMAS, DR. UDIT RAJ, SHRI KUNWAR PUSHPENDRA SINGH CHANDEL, SHRI RAJAN VICHARE, SHRI K. PARASURAMAN.

DETAILS OF ONGOING AND SANCTIONED METRO RAIL PROJECTS BEING IMPLEMENTED ON 50:50 EQUITY SHARING JOINT VENTURE BETWEEN GOVERNMENT OF INDIA (GOI) AND THE CONCERNED STATE/ UT GOVERNMENTS RUNNING BEHIND SCHEDULE.

Ongoing Metro Project (Name of State & Stretch)	Approved date of completion	Expected schedule of completion	Reasons for Delay	Steps taken to mitigate delay
Bangalore Metro Phase-I (Karnataka, East West Corridor - Baiyappanahalli to Mysore Road Junction and North South Corridor – Nagasandra to Puttenhalli)	December, 2015	November, 2016	Delay in getting possession of land, shifting of uncharted utilities and delay in progressing tunneling operations due to difficult strata and in thickly populated area.	(i) Continuous and close monitoring of project activities. (ii) Regular meeting with Police Depts. for required traffic diversions permissions. (iii) Monitoring by High Powered Committee of respective State Government.
Chennai Metro Rail Project (Tamil Nadu, Corridor I from Washermanpet to Chennai Airport & Corridor II from Chennai Central to St. Thomas Mount.	December, 2015	December, 2017	Due to limited availability of work sites and non-performance of some contractor leading to re-tendering.	(iv) Prompt release of funds by stakeholders and advance payment to needy contractors to speed up the work.